# Yahoo Group Archive:
# FT100 (2002-01 — 2002-06)

Yahoo Group summary: The Yaesu FT-100 & FT-100D List

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2002-01-01 through 2002-06-30

Source WARC: yahoo-groups-2016-02-06T12:09:51Z-kklui3.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-02-06T12-09-51Z-kklui3

Messages included in this PDF: 3598

Message records with no body available in the source archive: 6

Messages omitted as spam from this PDF: 4

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

# 11379. [FT100] Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 03:30:21 UTC
From: Howard Cunningham
Topic: 11356  Message: 11379

Hi

I run two different Heil mics, the BM10-5 headset and the HM10-5 Desk Mic. I have recieved good audio with both as well as the factory DTMF mic.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> "backhoefade" <cgarner@...> 12/31/01 10:07AM >>>
The impedance mis-match could be the problem but I don't think a resistive matching "L network" will buy me much since it's going to be quite lossy. Maybe I'll try a transformer. I guess what you're saying is that the D-104 is a relatively high-Z so it gets loaded down by the lower input impedance of the FT-100D mic input port so much that it can't develop a useful voltage. Plus any input shunt capacitance will greatly roll off the the highs, thereby resulting in the heavy bass quality sound. I just can't believe someone else hasn't been through all this with the FT-100D and found a decent mic solution. I almost bought the Heil mic but skipped it after reading several negative reports. Per your other message, I bought the Heil RJ to 8 pin adapter. Also made an 8 pin to 4 pin adapter cable for the D-104. Looks like it won't be a simple appliance repair - going to have to design it properly. The spec in the 100D manual calls for mics with impedances running from, I believe, 2K all the way up to 20K. The D104 must be well above 20K, perhaps 100K? I'll open it up and hopefully find some impedance options. Don't know if it's a ceramic or crystal element, but I suspect it's crystal. What I do know is it works great with the TS-520.
N6AF Chas

--- In FT100@y..., Glen Farough <gfarough@y...> wrote:
> The supplied stock mic is an odd 2000 ohm impedence...
> Most mics are either 600 ohms or much higher
> impedence...The trick to using ur D104 is likely to
> look for an impedence switch on the mic rather than a
> level problem...or look at the wiring diagram and see

> if the impedence is selectable or can be rewired
> inside the mic base or at the cartridge head? You
> might try an external transformer to match the the
> impedence as well...or even a poor mans resistor
> trick? Try something like a 100k in series and a 18k
> off towards ground or a simular scheme.
> Good luck...73 de Glen VE7LGF
> --- backhoefade <cgarner@h...> wrote:
> > I tried my D-104 on the FT-100D and it seems that
> > the level is too
> > low even with the mic gain set to 100. I'm trying
> > various mics,
> > trying to find something that has better sound than
> > the stock mobile
> > mic. More often than not I receive marginal audio
> > reports with the
> > stock mic no matter what the settings. Seems to
> > need a high output
> > mic so this may limit my options. The D-104 works
> > great on my old
> > TS-520. Plenty of drive with the mic gain set
> > mid-range. Has anyone
> > used the D-104 with the FT-100D? Do I need to have
> > the active mic
> > pre-amp installed in the mic?
> > N6AF Chas
> >
> >
>
>
> _____
> Do You Yahoo!?
> Send your FREE holiday greetings online!
> http://greetings.yahoo.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 11380. Re: FT100 & digital modes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 07:08:10 UTC
From: joates_48323
Topic: 11363  Message: 11380

Hi Kevin,

I use a Rigblaster Nomic with my FT-100D into a Compaq laptop, but only on PSK-31. Any Rigblaster purchased since about the middle of September should have all of the cables included.

To receive signals on PSK-31 ( and I assume on other digital modes) plug an audio cable with two mini stereo plugs with one end in the external speaker jack of the FT-100D and the other into the Mic jack on the laptop. You only need a little bit of volume. To receive, all you need is one audio cable, you do not need the Rigblaster at all.

An important detail if you are doing PSK is NOT to put the FT-100D in a digital mode: use USB.

You also need a software program such as WinPSKse, Digipan or some other program which you can download for free.

BTW, if you use the Rigblaster for transmitting, make sure you install the jumpers correctly.

Hope this helps.

Regards,

Joe -KB8BO

Also,
--- In FT100@y..., "kd3kz" <kwoolard@c...> wrote:
> I recently purchased a Rigblaster. I would like to try it with the
> FT100 for digital modes. I have not had any success on receiving
> digital signals. I am taking the audio output from the FT100 and
> putting it into an IBM 760EL notebook computer. I have tried a few
> software programs using this setup, but no luck. Any suggestions
> would be appreciated.
>
> Kevin Woolard,KD3KZ
> kwoolard@a...

# 11381. Re: [FT100] Crowbar Protection for Overvoltage Protection...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 03:56:37 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11371  Message: 11381

Well maybe if the controller lost its voltage feedback or its internal reference the output of the switching supply could go wild. Most of the time in a linear supply the output goes wild because the power transistors weren't proper connected to their heat sink, then they overheated, and melted into short circuits. In order to try to balance the currents amongst multiple paralleled pass transistors, they have to use emitter resistors to drop more than half a volt each. Which puts the minimum unregulated voltage generally 4 to 6 volts above the output voltage and that's what shows on the power supply output when the pass transistors short. Hence the desire for crowbar protection. The typical crowbar circuit consists of a zener diode, a resistor, and a power SCR. The resistor is connected from SCR gate to cathode, the zener diode from SCR gate to output voltage, the SCR cathode to the negative output, the SCR anode to the positive output, or sometimes the output of the filter capacitor. Sometimes there's a fuse for the SCR to blow to shut down the output. Its a juggling act to select the zener voltage. Get it too close to the output voltage and the crowbar is too touchy. Get it too high and the radios fry before the crowbar does its thing. Sometimes theres a capacitor across the gate resistor because one of the failings of the simple zener and SCR crowbar is that it can be triggered by stray RF. That makes it unfriendly. There ought to be some resistance in series with the zener diode so a rapidly rising output doesn't melt the zener diode or the SCR gate. Often the SCR in the crowbar is presumed to effectively short and reduce its power dissipation rapidly so that its not mounted on a heat sink, but it probably needs at least 50 amp rating for a 25 amp supply because its going to have to discharge the filter capacitors rapidly and then blow some fuse that only blows fast with current twice its continuous rating.

There is a pass transistor in the switching supply, its turned on and off rapidly by the controller. If the pass/switching transistor shorts, most of the time there's no output at all because DC doesn't pass through its high frequency transformer. Hence that most common failure mode of the linear supply is a safe condition in the switching supply. The failure that can cause radio grief is a loss of voltage feedback. Voltage feedback typically uses a programmable zener like a TL-431C (it would be a super trigger zener for the SCR in a crowbar too) and an optical coupler for isolation. The parts in the voltage feedback circuit aren't stressed with heat and so their life is long.

I get around the need for a crowbar in my shack supply by making the unloaded unregulated voltage only 16 volts and use power MOSFETs for my series regulator which drastically reduces the power dissipation and the heat stress of those regulator transistors. Runs 24/7 supporting my packet node, my packet station and the rest of my ham shack. And its

efficiency is very high while its noise is not detectable.

73, Jerry, K0CQ

--
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# 11382. Re: Does anyone have a service Manual ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 07:54:21 UTC
From: n9cv
Topic: 11372  Message: 11382

I found this on www.randl.com at the following URL:

http://www.randl.com/cgi-
local/shop.pl/SID=300215276345/page=results.html

FT100DSM SERVICE MANUAL FOR FT100D E08989003
FT100DSM YAESU PARTS
$ 29.95

I am not sure if they stock it or not. You might want to call them
a call on Jan 2, 2000. I did not find the service manual listed on
AES, and I did not look at any other ham dealer web sites.

Ken - N9CV

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> One of the Ham Radio stores had the service manual in stock week or
> two ago. I remember seeing it listed with a quantity number after
> it. I think it was AES or R&L. I'll see if I can find it again.
I
> was not looking for one at the time. I just happened to stumble
over
> it in their listings. They also had the owners/operators manual.
>
> Ken - N9CV
>
> -- In FT100@y..., "sounak" <sounak@u...> wrote:
> > Seems that Yaesu store does not have it in stock ? Does anyone
have
> a soft copy of the service manual for FT100 ?
> >
> > Sounak

# 11383. RE: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 09:27:41 UTC
From: Luc
Topic: 11365  Message: 11383

Hi, all the power connections are clean.

When I had the problem the first time, I thought maybe the radio became to cold in the car during winter. I took it out and used it in the house.
Then it worked fine for a time, but after I hade the problem again. So it has nothing to do with the temperature.

See you - Luc -

-----Original Message-----
From: John Spiceman [mailto:jrmorris28@...]
Sent: 31 December, 2001 19:51
To: FT100@yahoogroups.com
Subject: Re: [FT100] trouble to switch my FT100 on.

Check all of your power connections. Clean all
connectors.

John - WB0RLD

[Non-text portions of this message have been removed]

# 11384. RE: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 09:32:55 UTC
From: Luc
Topic: 11365  Message: 11384

Hi,

Hmmm yes that's exactly what I'm afraid about. If I send it to yaesu I'm sure the radio will work proper that time and they are going to send it back to me
without fixing it. I guess I have to wait until it will not switch on at all any more :-(

Perhaps the firmware of the FT100 is by Microsoft!

-----Original Message-----
From: DOCDC@... [mailto:DOCDC@...]
Sent: 31 December, 2001 23:15
To: FT100@yahoogroups.com
Subject: Re: [FT100] trouble to switch my FT100 on.

I have had the same problem and sent it back to Cerritos when I first got the
radio. They said nothing wrong and my screen still does it. Sometimes it

takes several days before it works again. Fortunately for me, my interest in
ham is at a low ebb right now or I would be packing it up again.

Dale
KC8FAQ

[Non-text portions of this message have been removed]

# 11385. Re: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 15:23:50 UTC
From: Wayne Blanton
Topic: 11365  Message: 11385

I have had the same problem with my FT-100 for the last month or so (go off, I would wiggle cables, reconnect PS and it would be OK until next time, usually every coupla days or so). It finally wouldn't come back on even after connecting 12 VDCdirectly to the DC connector (thus bypassing fuses, etc.). The screen would flash blue, the PS would draw 5A momentarily and then nothing. My neighbor suggested opening the radio and re-seating all the connections, I did that and also made sure the ground screws were tight. When I reconnected, it now works fine, at least for almost a week now. You might try that or if you find the problem, Please let me know or list it here. Thanks.
Wayne K5ONE (NM)

----- Original Message -----
From: Luc
To: FT100@yahoogroups.com
Sent: Tuesday, January 01, 2002 2:32 AM
Subject: RE: [FT100] trouble to switch my FT100 on.

Hi,

Hmmm yes that's exactly what I'm afraid about. If I send it to yaesu I'm sure the radio will work proper that time and they are going to send it back to me
without fixing it. I guess I have to wait until it will not switch on at all any more :-(

Perhaps the firmware of the FT100 is by Microsoft!

-----Original Message-----
From: DOCDC@... [mailto:DOCDC@...]
Sent: 31 December, 2001 23:15
To: FT100@yahoogroups.com
Subject: Re: [FT100] trouble to switch my FT100 on.

I have had the same problem and sent it back to Cerritos when I first got the
radio. They said nothing wrong and my screen still does it. Sometimes it

takes several days before it works again. Fortunately for me, my interest in
ham is at a low ebb right now or I would be packing it up again.

Dale
KC8FAQ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 11386. Re: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 16:58:44 UTC
From: DOCDC@AOL.COM
Topic: 11365  Message: 11386

In a message dated 1/1/2002 10:24:35 AM Eastern Standard Time,
k5one@... writes:

> I have had the same problem with my FT-100 for the last month or so (go off,
> I would wiggle cables, reconnect PS and it would be OK until next time,
> usually every coupla days or so). It finally wouldn't come back on even
> after connecting 12 VDCdirectly to the DC connector (thus bypassing fuses,
> etc.). The screen would flash blue, the PS would draw 5A momentarily and
> then nothing. My neighbor suggested opening the radio and re-seating all
> the connections, I did that and also made sure the ground screws were
> tight. When I reconnected, it now works fine, at least for almost a week
> now. You might try that or if you find the problem, Please let me know or
> list it here. Thanks.
> Wayne K5ONE (NM)

Did you open the head or the base unit. I'll give it a try and let you know.
Dale
KC8FAQ

[Non-text portions of this message have been removed]

# 11387. Re: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 17:41:49 UTC
From: Wayne Blanton
Topic: 11365  Message: 11387

The base unit. Then removed the head and replaced it.
Wayne K5ONE (NM)
----- Original Message -----
From: DOCDC@...
To: FT100@yahoogroups.com
Sent: Tuesday, January 01, 2002 9:58 AM
Subject: Re: [FT100] trouble to switch my FT100 on.

In a message dated 1/1/2002 10:24:35 AM Eastern Standard Time,
k5one@... writes:

> I have had the same problem with my FT-100 for the last month or so (go off,
> I would wiggle cables, reconnect PS and it would be OK until next time,
> usually every coupla days or so). It finally wouldn't come back on even
> after connecting 12 VDCdirectly to the DC connector (thus bypassing fuses,
> etc.). The screen would flash blue, the PS would draw 5A momentarily and
> then nothing. My neighbor suggested opening the radio and re-seating all
> the connections, I did that and also made sure the ground screws were
> tight. When I reconnected, it now works fine, at least for almost a week
> now. You might try that or if you find the problem, Please let me know or
> list it here. Thanks.
> Wayne K5ONE (NM)

Did you open the head or the base unit. I'll give it a try and let you know.
Dale
KC8FAQ

[Non-text portions of this message have been removed]

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html

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[Non-text portions of this message have been removed]

# 11388. RE: [FT100] trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 17:43:00 UTC
From: Federico Batarse
Topic: 11365  Message: 11388

why you name microsoft?
i do not think so!!
regards
federico
xe2nlm
----- Original Message -----
From: Luc <iceman@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 01, 2002 3:32 AM
Subject: RE: [FT100] trouble to switch my FT100 on.

> Hi,
>
> Hmmm yes that's exactly what I'm afraid about. If I send it to yaesu I'm
> sure the radio will work proper that time and they are going to send it
> back to me
> without fixing it. I guess I have to wait until it will not switch on at
> all any more :-(
>
> Perhaps the firmware of the FT100 is by Microsoft!
>
>
> -----Original Message-----
> From: DOCDC@... [mailto:DOCDC@...]
> Sent: 31 December, 2001 23:15
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] trouble to switch my FT100 on.
>
> I have had the same problem and sent it back to Cerritos when I first
> got the
> radio. They said nothing wrong and my screen still does it. Sometimes it
>
> takes several days before it works again. Fortunately for me, my
> interest in
> ham is at a low ebb right now or I would be packing it up again.
>
> Dale
> KC8FAQ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11389. RE: [FT100] Re: FT100 & digital modes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 17:45:58 UTC
From: Federico Batarse
Topic: 11363  Message: 11389

could you please tell me why if you use the packet conector to take the
audio out, the speaker goes off, and only work the packet conection on fm
and digital?
regards
xe2nlm

----- Original Message -----
From: joates_48323 <joates@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 01, 2002 1:08 AM
Subject: [FT100] Re: FT100 & digital modes

> Hi Kevin,
>
> I use a Rigblaster Nomic with my FT-100D into a Compaq laptop, but
> only on PSK-31. Any Rigblaster purchased since about the middle of
> September should have all of the cables included.
>
> To receive signals on PSK-31 ( and I assume on other digital modes)
> plug an audio cable with two mini stereo plugs with one end in the
> external speaker jack of the FT-100D and the other into the Mic jack
> on the laptop. You only need a little bit of volume. To receive, all
> you need is one audio cable, you do not need the Rigblaster at all.
>
> An important detail if you are doing PSK is NOT to put the FT-100D in
> a digital mode: use USB.
>
> You also need a software program such as WinPSKse, Digipan or some
> other program which you can download for free.
>
> BTW, if you use the Rigblaster for transmitting, make sure you
> install the jumpers correctly.
>
> Hope this helps.
>
> Regards,
>
> Joe -KB8BO
>
> Also,
> --- In FT100@y..., "kd3kz" <kwoolard@c...> wrote:
> > I recently purchased a Rigblaster. I would like to try it with the
> > FT100 for digital modes. I have not had any success on receiving
> > digital signals. I am taking the audio output from the FT100 and
> > putting it into an IBM 760EL notebook computer. I have tried a few

> > software programs using this setup, but no luck. Any suggestions
> > would be appreciated.
> >
> > Kevin Woolard,KD3KZ
> > kwoolard@a...
>
>
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> Post message: FT100@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11390. Re: FT100 & digital modes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 19:53:26 UTC
From: joates_48323
Topic: 11363  Message: 11390

Sorry I can't help you with packet. I only have used the Rigblaster
on PSK-31.

Regards,

Joe - KB8BO
--- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> could you please tell me why if you use the packet conector to take
the
> audio out, the speaker goes off, and only work the packet conection
on fm
> and digital?
> regards
> xe2nlm
>
> ----- Original Message -----
> From: joates_48323 <joates@a...>
> To: <FT100@y...>
> Sent: Tuesday, January 01, 2002 1:08 AM
> Subject: [FT100] Re: FT100 & digital modes
>
>
> > Hi Kevin,
> >
> > I use a Rigblaster Nomic with my FT-100D into a Compaq laptop, but
> > only on PSK-31. Any Rigblaster purchased since about the middle
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> > BTW, if you use the Rigblaster for transmitting, make sure you
> > install the jumpers correctly.
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few
> > > software programs using this setup, but no luck. Any suggestions
> > > would be appreciated.
> > >
> > > Kevin Woolard,KD3KZ
> > > kwoolard@a...
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
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> >
> >
> >

# 11391. NEW PROJECT allows you to use the TUN menu-function of the FT-100(D) for your HY-Gain screwdriver antenna or ATU!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 20:07:06 UTC
From: Ham_Tech@juno.com
Topic: 11391  Message: 11391

Greetings to all!!

I have many questions to ask and a preposition to offer as discussion.

First of all I do not have the FT-100(D). Second I would need some guys or gals from the group to have a bit of time to answer my questions.

I am planning to start a project for the benefit of the operator and his FT-100(D), this might have already been done, but I myself have never accomplished such a thing. I am a beginner in electronics, and studying for the highest degree if possible, but not too high. I want to be a radio technician and also an electrical engineer, (one who gets the ideas for building the schematic, and actually makes it work).

College, the second semester, is starting January 7th for me, and I just turned 20 years old, and I hope to do better this semester at doing my homework. So in light of the later, I will be slow as a turtle in getting this project done. I myself do not care about patenting my work at this time, but I would like to offer my research and studies as freeware/shareware for the group or anyone else. I would encourage the reader, to dive into this with me if they want to, or just think about the logic of it. And I encourage the reader to add or subtract from this future project whatever they would like. But if you would like to post it on your homepage, if it has not already been done, please at least put my callsign and first and last name under the picture(s). Which are: KG4DNI; Daniel Brinneman.

NOW ENOUGH WITH THE BABBLE...

Here is the basic purpose of this future project:
It will allow the FT-100(D) TUN menu-driven Ctrl to tune any other Screwdriver antenna that takes RF separately from DC (polarity changes to make screwdriver to go UP or DWN); or ; allow the TUN menu-driven Ctrl to automatically provide the 10W carrier to activate the Auto Tuner.
---
---
---
---
---
---
NO OFFENSE TO ANYONE...
I enjoy setting goals that are challenging to the human brain; like some folks like me, that don't think in electronics, but want something to be proud of if he/she can accomplish it; which will help others to have an easier time using the radio, and will be able to build the project

themselves and add extra "bells and whistles"!!
---
---
---
---
---
---
Questions:

1. What happens at the output of the HF SO-239 when the ATAS-100 is selected in the menus, when you go to transmit?? Could someone check the DC voltage, and what current it is putting out??

2. When the ATAS-100 is enabled, then the TUN menu function works. When ATAS-100 is disabled, does the TUN menu function still work??

3. When the ATAS-100 is disabled, does the HF SO-239 put out RF and DC or just RF??

4. Can someone send me a picture or PDF document of the ATAS-100 schematics, I need to know what kind of chips to use, from looking at the ATAS-100??

5. I would also like to have a PDF document for the schematics of the FT-100(D)!!

Thank you very much for all your help!!

Daniel

---
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# 11392. Re: [FT100] AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 02:58:05 UTC
From: Tad Danley
Topic: 11373  Message: 11392

maritimus49 wrote:

> Hello All -
> I am considering the purchase of an FT-100D and would like to know
> if the new units come with the AM filter? I read one member of this
> group who said it was already in his unit and someone on eham.net
> said they are now being offered by Yaesu for free. However, they are
> listed as an option by Universal and Texas Towers. I was pretty sure
> about buying a 706MkllG until I looked into the extra receiver
> performance, better DSP (I want to go mobile), etc. of the Yaesu. Any
> advice appreciated. Thank you.

The FT-100D does not come with an AM filter installed by the factory.
However, Yaesu - or some Yaesu dealers - may be offering it as a promotion.
You will need the AM filter for best AM operation (RX and TX).

Good choice on the FT-100D for mobile operation! The noise blanker and DSP
are excellent!

Good luck and 73,

--
Tad Danley, K3TD
mailto:taddanley@...

# 11393. Re: FT100 & digital modes - Where's the problem??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 08:08:35 UTC
From: k6rcx
Topic: 11363  Message: 11393

Kevin and the rest of the group with FT100 data connection questions.
Have you seen the "Rascal" R-FTMDIN at
http://www.packetradio.com/psk31.htm#YAESU
It is a simple connection / isolator box kit that will connect the FT100 DIN I/O data port to a sound card interface. It goes in the DIN data interface port, you don't have to do any thing to the mike or speaker ports. You pick up the mike and it works audio modes. The speaker is still there, turned it down if you don't want to listen to that digital noise, turn up the audio and do FM, SSB or AM. The sound card sees constant audio levels. The FT100 does the switching when it sees PTT on mike or data port. I used the line level in and out ports on the sound card. (you may need to pull the sound card to speaker plug to keep the transmit PSK tones quite) The radio sees constant levels. I most be missing soomthing since i just put it all together in the last day or 2 for PSK31 and it all works great???
If you want to run Packet run the sound card S/W with the same interface or pull the DIN data plug and put in the DIN that ties the FT100 to the hardware Packet modum. That also works great into the DIN data port. Why screw with the mike and speaker port of the FT100 ????
PS - Rigblaster should work the same way. you just have to buy a DIN plug for the FT100 end and sort the connections?? Look at the site listed above. he has all the pinouts listed or read the FT100 owners manual, it has the DIN wiring in the first couple of pages.

73 Erwin K6RCX

# 11394. Re: FT100 & digital modes - Where's the problem?? a PS-

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 08:33:01 UTC
From: k6rcx
Topic: 11363  Message: 11394

PS - The hardest part of making the sound card to FT100 work was
bring up the right sound card software interface panel to get the
line Input and Output ports alive. In my case it was a "mixer panel",
which was NOT the panel the PSK31 software i'm using brought up for
level control. I had to dig through the collection of audio control
S/W to find it and keep trying all the 'mute' controls till it worked.

73 Erwin K6RCX

--- In FT100@y..., "k6rcx" <k6rcx@y...> wrote:
> Kevin and the rest of the group with FT100 data connection
questions.
> Have you seen the "Rascal" R-FTMDIN at
> http://www.packetradio.com/psk31.htm#YAESU
> It is a simple connection / isolator box kit that will connect the
> FT100 DIN I/O data port to a sound card interface. It goes in the
DIN
> data interface port, you don't have to do any thing to the mike or
> speaker ports. You pick up the mike and it works audio modes. The
> speaker is still there, turned it down if you don't want to listen
to
> that digital noise, turn up the audio and do FM, SSB or AM. The
sound
> card sees constant audio levels. The FT100 does the switching when
it
> sees PTT on mike or data port. I used the line level in and out
ports
> on the sound card. (you may need to pull the sound card to speaker
> plug to keep the transmit PSK tones quite) The radio sees constant
> levels. I most be missing soomthing since i just put it all
together
> in the last day or 2 for PSK31 and it all works great???
> If you want to run Packet run the sound card S/W with the same
> interface or pull the DIN data plug and put in the DIN that ties
the
> FT100 to the hardware Packet modum. That also works great into the
> DIN data port. Why screw with the mike and speaker port of the
> FT100 ????
> PS - Rigblaster should work the same way. you just have to buy a
DIN
> plug for the FT100 end and sort the connections?? Look at the site
> listed above. he has all the pinouts listed or read the FT100
owners
> manual, it has the DIN wiring in the first couple of pages.
>

> 73 Erwin K6RCX

# 11395. hi

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-01 20:19:53 UTC
From: david karam
Topic: 11395  Message: 11395

If you needed to connect something to the ear jack of a radion ft100d, where do you connect it. It's a MFJ multireader Thanks?????

[Non-text portions of this message have been removed]

# 11396. screwdriver antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 01:34:17 UTC
From: Federico Batarse
Topic: 11396  Message: 11396

ok, let me tell you, you are a very kind person, trying to help to the
ft-100 comunity.

you can make many thinks in the life as you imagine.

set high goals is very good.

you can found more info on the atas 100 looking on the
http://www.roxyrox.org/k0lee/ft100faq.html

i can help you, i think i can understand also the working of the atas100

regards and 73

pd. i would like to speak english better.
anyway we are making our effort to undestand each other.
regards
federico batarse
xe2nlm

pd2 i have more software already.
i will send it to try and get more opinions. to control de ft-100,

----- Original Message -----
From: <Ham_Tech@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 01, 2002 2:07 PM
Subject: [FT100] NEW PROJECT allows you to use the TUN menu-function of the
FT-100(D) for your HY-Gain screwdriver antenna or ATU!!

> Greetings to all!!
>
> I have many questions to ask and a preposition to offer as discussion.
>
> First of all I do not have the FT-100(D). Second I would need some guys
> or gals from the group to have a bit of time to answer my questions.
>
> I am planning to start a project for the benefit of the operator and his
> FT-100(D), this might have already been done, but I myself have never
> accomplished such a thing. I am a beginner in electronics, and studying
> for the highest degree if possible, but not too high. I want to be a
> radio technician and also an electrical engineer, (one who gets the ideas
> for building the schematic, and actually makes it work).
>
> College, the second semester, is starting January 7th for me, and I just
> turned 20 years old, and I hope to do better this semester at doing my
> homework. So in light of the later, I will be slow as a turtle in

> getting this project done. I myself do not care about patenting my work
> at this time, but I would like to offer my research and studies as
> freeware/shareware for the group or anyone else. I would encourage the
> reader, to dive into this with me if they want to, or just think about
> the logic of it. And I encourage the reader to add or subtract from this
> future project whatever they would like. But if you would like to post
> it on your homepage, if it has not already been done, please at least put
> my callsign and first and last name under the picture(s). Which are:
> KG4DNI; Daniel Brinneman.
>
> NOW ENOUGH WITH THE BABBLE...
>
> Here is the basic purpose of this future project:
> It will allow the FT-100(D) TUN menu-driven Ctrl to tune any other
> Screwdriver antenna that takes RF separately from DC (polarity changes to
> make screwdriver to go UP or DWN); or ; allow the TUN menu-driven Ctrl to
> automatically provide the 10W carrier to activate the Auto Tuner.
> ---
> ---
> ---
> ---
> ---
> ---
> NO OFFENSE TO ANYONE...
> I enjoy setting goals that are challenging to the human brain; like some
> folks like me, that don't think in electronics, but want something to be
> proud of if he/she can accomplish it; which will help others to have an
> easier time using the radio, and will be able to build the project
> themselves and add extra "bells and whistles"!!
> ---
> ---
> ---
> ---
> ---
> ---
> Questions:
>
> 1. What happens at the output of the HF SO-239 when the ATAS-100 is
> selected in the menus, when you go to transmit?? Could someone check the
> DC voltage, and what current it is putting out??
>
> 2. When the ATAS-100 is enabled, then the TUN menu function works. When
> ATAS-100 is disabled, does the TUN menu function still work??
>
> 3. When the ATAS-100 is disabled, does the HF SO-239 put out RF and DC
> or just RF??
>
> 4. Can someone send me a picture or PDF document of the ATAS-100
> schematics, I need to know what kind of chips to use, from looking at
> the ATAS-100??

>
> 5. I would also like to have a PDF document for the schematics of the
> FT-100(D)!!
>
>
>
> Thank you very much for all your help!!
>
> Daniel
> _____
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>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11397. Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 17:31:58 UTC
From: backhoefade
Topic: 11356  Message: 11397

Thanks for the good advice. What I may do here is design a simple op-amp pre-amp for the D-104; just a very few dB gain, if that. Mainly it will provide a low impedance driver. I know I can make that mic work. I get excellent reports on the Kenwood TS-520 with the D-104. Thanks es 73's in the new year.
N6AF Charles
System Design Engineer IV

\--- In FT100@y..., "Dr. Gerald N. Johnson, electrical engineer" <geraldj@i...> wrote:
> The stock D-104 is VERY high impedance compared to a solid state radio.
> More like 500K to 1 megohm from a crystal element. It has a response
> peak about 3 KHz, outside the SSB transmit filter, so can overdrive the
> audio stages in some radios where the impedance is matched. The
> amplified D-104 has low impedance output and way too much output for a
> radio designed for a direct microphone.
>
> The only complaints I've had copying a FT-100D was that the radios were
> being over driven to the point of clipping distortion.
>
> Any microphone with bass response will tend to be bassy in a
> communications circuit. The bassiness is enhanced by being very close to
> the microphone. That's why singers practically swallow their
> microphones, gets them bass tones they'd otherwise not have. So you can
> reduce the bassiness by backing off from the microphone. You can reduce
> a lot of the harshness of any radio by backing off from the microphone
> and backing off on the audio. Don't judge the audio drive by the
> wattmeter, its never going to show the radio's rating unless peak
> reading (or key down on CW). Judge the drive by the ALC indication. A
> little ALC is plenty. Lots of ALC is inviting distortion. Ideally, one
> sets the audio drive with an oscilloscope to just get peak output at the
> radio rating and without overdriving it to distortion.
>
> 73, Jerry, K0CQ

> --
> Entire content copyright Dr. Gerald N. Johnson. Reproduction by
> permission only.

# 11398. Re: [FT100] screwdriver antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 12:41:19 UTC
From: Ham_Tech@juno.com
Topic: 11396  Message: 11398

Thank you very much!!

Daniel

I will get back to you later. I have to goo to work now.

_____
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http://dl.www.juno.com/get/web/.

# 11399. Re: screwdriver antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 03:01:38 UTC
From: kg4fet
Topic: 11396  Message: 11399

--- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> ok, let me tell you, you are a very kind person, trying to help to
the
> ft-100 comunity.
>
> you can make many thinks in the life as you imagine.
>
> set high goals is very good.
>
> you can found more info on the atas 100 looking on the
> http://www.roxyrox.org/k0lee/ft100faq.html
>
> i can help you, i think i can understand also the working of the
atas100
>
> regards and 73
>
> pd. i would like to speak english better.
> anyway we are making our effort to undestand each other.
> regards
> federico batarse
> xe2nlm
>
>
> pd2 i have more software already.
> i will send it to try and get more opinions. to control de ft-100,
>
Federico,
I would like to try out the new CAT software you are developing for
the FT 100. I get my CT 62 cable Friday and will be trying out a
couple of the other CAT software such as CATsPAW and CAT 100 both to
get a feel for CAT. I have never had a rig that could be used in
this manner (only a ham for just over 2 years FT 100 is my first HF
rig) and I understand taht it is not my best choice for CAT. This
was not even a consideration in the purchase of the rig so this will
be quite the experience for me.
73 and All the Best to you and yours
DE KG4FET Sandor Proud Owner of Yaesu's FT 100 and ATAS 100

# 11400. Re: hi

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 03:24:09 UTC
From: kg4fet
Topic: 11395  Message: 11400

--- In FT100@y..., "david karam" <davidk44972@m...> wrote:
> If you needed to connect something to the ear jack of a radion ft100d, where do you connect it. It's a MFJ multireader
Thanks?????
>
>
> [Non-text portions of this message have been removed]

David,
You use the external speaker jack for that. You can use the data jack next to that, data in is pin 1 and grnd is pin 2. you can use the 6 pin mini din plug from an old brain dead mouse. You might have to use the external casing of the plug forground in the case of a mouse plug because in most cases pin 2 is not used on that. By the way pin 1 is the top left and pin 2 is the top right. Here is a basic drawing straight from the book.
1 2
@ @
3 @ @4
5 @l@6
1 data in (audio in)
2 ground
3 PTT
4 Data out 9600 baud
5 Data out 1200 Buad(audio out for PSK and the other SC digital modes)
6 Squelch
I thought I might include the whole works in case ya decided to build a SC Digital interface such as for PSK, HELL, ect
73 and all the best to you and yours
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 11401. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:00:28 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11401

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /atast1h.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 1 by SM5LBR

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/atast1h.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11402. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:03:18 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11402

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast1.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 1

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast1.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11403. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:04:57 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11403

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast1h.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 1

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast1h.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11404. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:05:12 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11404

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast2h.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 2

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast2h.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11405. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:05:28 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11405

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast3h.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 3

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast3h.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11406. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:05:55 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11406

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast4h.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 4

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast4h.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11407. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:03:42 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 11407

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS-100 Technical Information/atast2.jpg
Uploaded by : kg4dni <Ham_Tech@...>
Description : page 2

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS-100%20Technical%20Information/atast2.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg4dni <Ham_Tech@...>

# 11408. XE2NLM FEDERICO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 04:23:22 UTC
From: Federico Batarse
Topic: 11408  Message: 11408

Hi, this is federico, xe2nlm

my cat software free for everyone:
http://groups.yahoo.com/group/FT100/files/

set comm attached to the ft-100d and max speed to 4800

and the photos of the circuit thermal sensor :
http://photos.groups.yahoo.com/group/FT100/lst

it is working great (thermal circuit)

73
federico
xe2nlm

Federico Batarse

XE2NLM 73!

[Non-text portions of this message have been removed]

# 11409. Reset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 17:07:18 UTC
From: PP8KWA
Topic: 4737  Message: 11409

Hello

Don't I have the manual of FT-100, as I do for reset?
Thanks

Jeff

[Non-text portions of this message have been removed]

# 11410. Re: [FT100] Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 18:34:46 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11356  Message: 11410

In private e-mail, Paul Manuel <k4pdm@...> reports that the audio ALC in the DSP of the FT-100 tends to work with the sibilant components outside the transmit SSB filter pass band and to limit output way below that of a flatter microphone. You may find the D-104 (that was designed for AM in the late 30s to compensate for receivers with round shouldered pass bands) will need a preamp with a low pass filter rolling off about 2.7 kHz, at that point you might as well use some Heil. My D-104 case holds a Shure R-5 communications element with limited pass band and works much better than the D-104 can ever work in its original form.

The high frequency response peak of the D-104 also gave trouble with Collins S-line because those high frequency components outside the filter pass band tended to over drive the audio stages and probably the balanced modulator.

73, Jerry, K0CQ
--
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# 11411. RE: [FT100] Re: FT100 & digital modes - Where's the problem??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 18:54:02 UTC
From: Federico Batarse
Topic: 11363  Message: 11411

Kevin and Ervin: please let me know if the speaker turn off when the
conector on the paquet conector of the ft-100d is pluged in?

in mine, the speaker turn off, and only came sound out of the pin on the din
conector, when the mode of the radio is fm or digital,

could you please check it for me?

regards
federico
xe2nlm

----- Original Message -----
From: k6rcx <k6rcx@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, January 02, 2002 2:08 AM
Subject: [FT100] Re: FT100 & digital modes - Where's the problem??

> Kevin and the rest of the group with FT100 data connection questions.
> Have you seen the "Rascal" R-FTMDIN at
> http://www.packetradio.com/psk31.htm#YAESU
> It is a simple connection / isolator box kit that will connect the
> FT100 DIN I/O data port to a sound card interface. It goes in the DIN
> data interface port, you don't have to do any thing to the mike or
> speaker ports. You pick up the mike and it works audio modes. The
> speaker is still there, turned it down if you don't want to listen to
> that digital noise, turn up the audio and do FM, SSB or AM. The sound
> card sees constant audio levels. The FT100 does the switching when it
> sees PTT on mike or data port. I used the line level in and out ports
> on the sound card. (you may need to pull the sound card to speaker
> plug to keep the transmit PSK tones quite) The radio sees constant
> levels. I most be missing soomthing since i just put it all together
> in the last day or 2 for PSK31 and it all works great???
> If you want to run Packet run the sound card S/W with the same
> interface or pull the DIN data plug and put in the DIN that ties the
> FT100 to the hardware Packet modum. That also works great into the
> DIN data port. Why screw with the mike and speaker port of the
> FT100 ????
> PS - Rigblaster should work the same way. you just have to buy a DIN
> plug for the FT100 end and sort the connections?? Look at the site
> listed above. he has all the pinouts listed or read the FT100 owners
> manual, it has the DIN wiring in the first couple of pages.
>
> 73 Erwin K6RCX
>
>

>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
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>
>

# 11412. Re: [FT100] ATAS -100 Mobile Mount- Mag Mount Connector???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-02 20:47:00 UTC
From: Lee Boulineau
Topic: 11354  Message: 11412

One old trick I have used is to place a couple of
drops of clear nail polish at the junction of the
antenna and the mount - a little elbow grease will
allow you to remove the antenna, and it won't come
loose unless you really pound the heck out of your
antenna and mount!!

73 de N4MVL
Lee

--- alpha <alpha76234@...> wrote:
>
> I HAD PROBLEMS WITH THE ATAS-100 WORKING LOOSE ON
> MY MOUNT. I DRIVE A 1 TON DUALLY DIESEL 4X4 AND IT
> VIBRATES MUCH. I INSTALLED A GARDEN HOSE WASHER ON
> THE SO-239 END, TIGHTENED THE ATAS-100 DOWN ON IT
> AND NOW IT STAYS PUT. ALSO ACTS LIKE A SEAL BETWEEN
> CONNECTOR AND ANTENNA
> PETE N6BXZ FT. WORTH
> Glenn Cummings <kg7il@...> wrote: I
> use the MFJ TriMag mount. One version comes with
> the SO-239 end for a
> direct mount of the ATAS-100.
>
> I also installed a stainless steel stud over the
> high tail-light in the
> roof of the truck and ran a copper plumber tape from
> the ground strap to
> the TriMag
>
> While it defeats the quick disconnect of the
> magnetic mount, it's still
> not to bad to undo the wingnut on the stud and
> remove everthing when
> necessary.
>
> In the trial mode, I did not have a ground strap and
> everything worked
> well. Then I started getting the Hi-SWR problem
> after a few months and
> added the ground strap. Since then Yaesu has done
> the mod, but the
> ground strap remains primarily because it's already
> there.
>

> Glenn, KG7IL in Renton, Washington
>
> w6zip wrote:
>
> > Does anyone have experience with mounting the
> ATAS-100 with a mag
> > mount??? es how does the antenna connect to the
> mount??? PL-259?,
> > 3/8"??
> > Thanks for the info, 73
> > John W6ZIP
> > Victorville, Ca.
>
>
> [Non-text portions of this message have been
> removed]
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> Greetings.
>
> [Non-text portions of this message have been
> removed]
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>
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---
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# 11413. Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 03:24:06 UTC
From: cockofromaol
Topic: 11356  Message: 11413

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I tried my D-104 on the FT-100D and it seems that the level is too
> low even with the mic gain set to 100. I'm trying various mics,
> trying to find something that has better sound than the stock
mobile
> mic. More often than not I receive marginal audio reports with the
> stock mic no matter what the settings. Seems to need a high output
> mic so this may limit my options. The D-104 works great on my old
> TS-520. Plenty of drive with the mic gain set mid-range. Has
anyone
> used the D-104 with the FT-100D? Do I need to have the active mic
> pre-amp installed in the mic?
> N6AF Chas

Did you try modding the mic? open the third hole and realign the disc so that the holes are more in line with the element. I get excellent audio reports now.. Regards.. Richy

# 11414. ATAS-100 stinger length??? (Can you add a longer one???)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 03:34:46 UTC
From: w6zip
Topic: 11414  Message: 11414

Has anybody tried and been successful at adding a diferent stinger to the ATAS -100 antenna and being able to fine tune bands (specifically HF)a bit better??? Any experiences with this would be most helpfull.
Thanks 73

# 11415. Re: trouble to switch my FT100 on.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 03:40:39 UTC
From: cockofromaol
Topic: 11365  Message: 11415

--- In FT100@y..., "Luc" <iceman@p...> wrote:
> Hi,
>
> I'm using my FT100 normally for portable use twice a month.
> Last time I could not turn my FT100 on. The screen became dark blue
for
> a second and went down black again. I could hear the relay inside
but
> nothing happened.
> After trying several times it went on again. I had this problem 3
times
> till now. Does anybody has had the same problem ?
>
>
> See you - Luc - LX1IQ

I suspect a few problems that you can look at, all of em I have
been thru:

1. Make sure the rig is getting all of the power it can get. If the
current is too low, the radio will not turn on. I had the fuse
holders fail on mine, they looked great but were totally messed up
inside (where you cant inspect it). The end result was a flash from
the radio display but no talky... Cut em off and install the gold
plated auto sound style fuses and eliminate this abomination.
2. If its in the cold as mine always is (right now at least), it
takes longer to cycle on as the cpu runs slower in the cold. I
sometimes have to hold in the button approx 1/2 second to get it to
cycle on in the cold as the cpu looks for the switch state slower in
the cold than in nicer weather.
3. I suspect this switch get dirty after a while making it tougher to
turn on after a while. Its prob one of those square pcb mount types
with the black or white nub sticking out of it. They are notorious
for being finicky after a few hundred cycles. Mine is fine but I can
tell it takes more pressure after 2.5 years of use.

Regards.. Richy N2ZD

# 11416. Transmit in whole 6 m band

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 07:39:30 UTC
From: Tomasz Ciepielowski
Topic: 11416  Message: 11416

Hi All
I would like to know how to change settingns to open TX in whole 6 m band.
Curently I can't transmit below 50.080 MHz.Thank you for any help and Happy
New Year for all !

Tom SP5CCC

# 11417. Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 19:14:26 UTC
From: backhoefade
Topic: 11356  Message: 11417

I opened up the stock mic at one point but found that the mic element is pressed into its own cylindrical housing and not easily removed. Guess it actually is easily removed since you managed to do it. Tell me more about getting it out. I think it's held in place by some rubber material possibly. Of course I must remove it before I can drill out the 3rd hole and twist the "baffle" around.
Thanks for any suggestions.
Chas N6AF

--- In FT100@y..., "cockofromaol" <ss409ss@a...> wrote:
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > I tried my D-104 on the FT-100D and it seems that the level is too
> > low even with the mic gain set to 100. I'm trying various mics,
> > trying to find something that has better sound than the stock
> mobile
> > mic. More often than not I receive marginal audio reports with the
> > stock mic no matter what the settings. Seems to need a high output
> > mic so this may limit my options. The D-104 works great on my old
> > TS-520. Plenty of drive with the mic gain set mid-range. Has
> anyone
> > used the D-104 with the FT-100D? Do I need to have the active mic
> > pre-amp installed in the mic?
> > N6AF Chas
>
> Did you try modding the mic? open the third hole and realign the
> disc so that the holes are more in line with the element. I get
> excellent audio reports now.. Regards.. Richy

# 11418. Re: Transmit in whole 6 m band

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 19:17:35 UTC
From: backhoefade
Topic: 11416  Message: 11418

Boy that's a new one. My FT-100D has always transmitted from 50.0 to 54.0 MHz. That's the basic product spec - without any special mods. Don't know what to tell ya unless it's set up for repeater operation and so then attempting to transmit out of band. Confirm that the RPT function is off.

--- In FT100@y..., "Tomasz Ciepielowski" <spccc@a...> wrote:
> Hi All
> I would like to know how to change settingns to open TX in whole 6 m band.
> Curently I can't transmit below 50.080 MHz.Thank you for any help and Happy
> New Year for all !
>
> Tom SP5CCC

# 11419. Re: FT100 & digital modes - Where's the problem??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 00:22:34 UTC
From: k6rcx
Topic: 11363  Message: 11419

federico,
on my FT100, using the DIN data port for digital interface, the the normal speaker audio output connector stays active. I can adjust the volume and monitor the digital audio in the background, if i want.

73 Erwin K6RCX

--- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> Kevin and Ervin: please let me know if the speaker turn off when the
> conector on the paquet conector of the ft-100d is pluged in?
>
> in mine, the speaker turn off, and only came sound out of the pin on the din
> conector, when the mode of the radio is fm or digital,
>
> could you please check it for me?
>
> regards
> federico
> xe2nlm

# 11420. FILES

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-03 14:37:40 UTC
From: Terry
Topic: 11420  Message: 11420

Where are the files (archives) located? I need to do the SWR mod and I lost my bookmark to where the info is. I do recall seeing them in the archives I think. Please answer direct to me.

Terry - AF7W

---
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# 11421. Re: [FT100] Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 00:08:20 UTC
From: luiz lissoni
Topic: 11356  Message: 11421

Folks, No matter what type of mic I use, reports with this rig are poor ! I?ve tried all sort of mics (Yaesu, Shure, Heil, Drake, Astatic etc...) and seems that audio is not the best point. This rig was designed to be pratical, but I can record any QSO in any band, using any mic and send through this net to everybody. What about setting a UTC time and band and test our rigs "on the air" ??? 73?s --- backhoefade wrote: I opened up the stock mic at one point but found that the mic element
is pressed into its own cylindrical housing and not easily removed.?
Guess it actually is easily removed since you managed to do it.? Tell
me more about getting it out.? I think it's held in place by some
rubber material possibly.? Of course I must remove it before I can
drill out the 3rd hole and twist the "baffle" around.
Thanks for any suggestions.
Chas? N6AF

--- In FT100@y..., "cockofromaol" wrote:
> --- In FT100@y..., "backhoefade" wrote:
> > I tried my D-104 on the FT-100D and it seems that the level is
too
> > low even with the mic gain set to 100.? I'm trying various mics,
> > trying to find something that has better sound than the stock
> mobile
> > mic.? More often than not I receive marginal audio reports with
the
> > stock mic no matter what the settings.? Seems to need a high
output
> > mic so this may limit my options.? The D-104 works great on my old
> > TS-520.? Plenty of drive with the mic gain set mid-range.? Has
> anyone
> > used the D-104 with the FT-100D?? Do I need to have the active
mic
> > pre-amp installed in the mic?
> > N6AF? Chas
>
>?? Did you try modding the mic? open the third hole and realign the
> disc so that the holes are more in line with the element. I get
> excellent audio reports now.. Regards.. Richy

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# 11422. Turnaround time...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 00:45:22 UTC
From: birddog73162
Topic: 11422  Message: 11422

Well, the FT-100D has been at the Yeasu hospital in Cerritas for the "mod's" since 12-18-2001. I UPS'ed the unit in on the 11th. Today they told me not to expect the unit back until at least the end of this month. The holidays and several power outages have slowed the turn around time down. Anyone sending a unit in now should not expect a return for 6/7 weeks. I was originally told I could expect a 30 day turn around...Paul, KD5KCZ

# 11423. Re: [FT100] FILES

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 03:03:46 UTC
From: Glenn Cummings
Topic: 11420  Message: 11423

If you already are signed into yahoo this will take you to the FT-100
page. If not, it should give you a page requesting the sign in.
http://groups.yahoo.com/group/FT100

Easy to forget if you send and receive individual mail. Not everyone
uses the web interface each time!

Glenn, KG7IL in Renton, Washington.

Terry wrote:

> Where are the files (archives) located? I need to do the SWR mod and
> I
> lost my bookmark to where the info is. I do recall seeing them in the
>
> archives I think. Please answer direct to me.
>
> Terry - AF7W

[Non-text portions of this message have been removed]

# 11424. RE: TUN menu-driven CTRL box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 02:17:49 UTC
From: Federico Batarse
Topic: 11424  Message: 11424

> 1. What happens at the output of the HF SO-239 when the ATAS-100
> is selected in the menus, when you go to transmit?? Could someone
> check the DC voltage, and what current it is putting out??
A=Amcom offers an external tuner for the ATAS-100 so it can be used with
other radios. You can see it at:

http://www.amcominc.com/productdetail.cfm?Prod_ID=85

According to the values of the voltage divider circuits shown in the
technical supplement +8.4V applied to the coax causes the ATAS-100 to
retract, and +10.4V or more will cause it to extend.

>
> 2. When the ATAS-100 is enabled, then the TUN menu function works.
> When ATAS-100 is disabled, does the TUN menu function still work??
>
no, until the q7019in the cntrl unit switch to on, then the voltage needed
for the atas 100 up/dn make the adjustment and then the swr=or aprox1.0
then the voltage return to 0vdc

> 3. When the ATAS-100 is disabled, does the HF SO-239 put out RF
> and DC or just RF??

just rf
>
> 4. I would also like to have a PDF document for the schematics of
> the FT-100(D)!!

i dont have.

Daniel: would you please be so kind to tell me again what do you want to
make?
please receive regards from monterrey mexico
xe2nlm
federico

> ----------------------------------
>
> Daniel
> kg4dni
> _____________________________________________________________
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# 11425. Re: Turnaround time...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 03:38:45 UTC
From: bed143
Topic: 11422  Message: 11425

Did you tell Yaesu which mods you wanted done are di dyou merely tell them to do "all mods"? I sent my FT-847 in in November (non-warranty work) and I was told 12 weeks! I sent them an e-mail asking for an update and they have not responded. Did you call them??

--- In FT100@y..., "birddog73162" <byrddawg@s...> wrote:
> Well, the FT-100D has been at the Yeasu hospital in Cerritas for the
> "mod's" since 12-18-2001. I UPS'ed the unit in on the 11th. Today they
> told me not to expect the unit back until at least the end of this
> month. The holidays and several power outages have slowed the
> turn around time down. Anyone sending a unit in now should not expect
> a return for 6/7 weeks. I was originally told I could expect a 30 day
> turn around...Paul, KD5KCZ

# 11426. Re: [FT100] Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 03:29:38 UTC
From: Albert Furlow
Topic: 11356  Message: 11426

ok I will be on 18.150 at 1145am central time. KA1FFO AL ----- Original Message ----- From: "luiz lissoni" To: Sent: Thursday, January 03, 2002 6:08 PM Subject: Re: [FT100] Re: various mics for FT-100D > Folks, > > No matter what type of mic I use, reports with this > rig are poor ! I?ve tried all sort of mics (Yaesu, > Shure, Heil, Drake, Astatic etc...) and seems that > audio is not the best point. This rig was designed to > be pratical, but I can record any QSO in any band, > using any mic and send through this net to everybody. > > What about setting a UTC time and band and test our > rigs "on the air" ??? > > 73?s > --- backhoefade wrote: > > > > > > > I opened up the stock mic at one point but found that > the mic element
> is pressed into its own cylindrical housing and not > easily removed.
> Guess it actually is easily removed since you managed > to do it. Tell
> me more about getting it out. I think it's held > in place by some
> rubber material possibly. Of course I must > remove it before I can
> drill out the 3rd hole and twist the > "baffle" around.
> Thanks for any suggestions.
> Chas N6AF
>
> --- In FT100@y..., "cockofromaol" > wrote:
> > --- In FT100@y..., "backhoefade" > wrote:
> > > I tried my D-104 on the FT-100D and it seems > that the level is
> too
> > > low even with the mic gain set to 100. > I'm trying various mics,
> > > trying to find something that has better > sound than the stock
> > mobile
> > > mic. More often than not I receive > marginal audio reports with
> the
> > > stock mic no matter what the settings. > Seems to need a high
> output
> > > mic so this may limit my options. The > D-104 works great on my old
> > > TS-520. Plenty of drive with the mic > gain set mid-range. Has
> > anyone
> > > used the D-104 with the FT-100D? Do I > need to have the active
> mic
> > > pre-amp installed in the mic?
> > > N6AF Chas
> >
> > Did you try modding the mic? open the > third hole and realign the
> > disc so that the holes are more in line with the > element. I get
> > excellent audio reports now.. Regards.. Richy
>
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src="http://ads.x10.com/?Z3lhaG9vbW9uc3RlcjcuZGF0=1010085322%3eM=215002.1818
248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=847665/R=2" > alt="" width="300"
height="250" > border="0">
>
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src="http://us.adserver.yahoo.com/l?M=215002.1818248.3328688.1261774/D=egrou
pmail/S=1705063108:HM/A=847665/rand=141661480">
>
> > > > >
> > Post > message: > FT100@yahoogroups.com
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# 11427. Explanation on "TUN menu-driven ctrl box"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 01:16:05 UTC
From: Ham_Tech@juno.com
Topic: 11427  Message: 11427

Greetings to all,

The circuitry I am planning to design for use by the FT-100(D):

--->If the first statement is correct, then the second statement; in the form of an explanation; will be my answer!!<---
---
FIRST STATEMENT

Currently most operators have the capability to use the ATAS-100 as their antenna. When the ATAS-100 is used, the operator can tune it using the internal commands from the FT-100(D), to activate the remote tuning unit in the ATAS-100. If the FT-100(D)'s operator decides to use another antenna, like the one designed for 80 meters through 6 meters by Hy-Gain, then the operator must not select the ATAS-100 in the menu; thus allowing only RF out through the HF SO-239; and use of an external DPDT Momentary Contact switch to control the polarity provided by the car's battery, to adjust the commercial screwdriver antenna; with reference to either an MFJ SWR Analyzer or the SWR scale on the FT-100(D) display. If the FT-100(D) operator is using an external automatic antenna tuner (ATU), then he/she must have the radio provide at least a 10W carrier, while in a different mode or band. No offense here, but this action requires an external circuit AND an external push button to activate the circuit; which then talks to the radio through the CAT (?) port.

SECOND STATEMENT

Both of the examples above, require an external source or action to function, AND the use of the internal menus for the original purpose of tuning the ATAS-100 can not be used for any other antenna, self the later.

**********
***So in speaking to the group, I am not an electrical engineer, but a student in college. To pass my "Digital Electronics" class, I had to construct a security keypad entering device with a code, for my final exam. I was so excited after 4 weeks of research and missing sleep, when I finally had it over with. I received an A+ with a excellent report which I turned in to my Electronics teacher, George Kouvaris, and also the approval of the circuit laid out on the breadboard. Now I want to build another circuit, off of the design concepts of the ATAS-100 Remote Unit schematic, with more creative thinking put into it. I have neither radio nor antenna, and school is around the corner (as soon as the snow wants to melt) so I won't have much time to put into building this project. I enjoy challenges, that my mind at that split second doubts it can fathom.***

**********

I want to build onto the schematic of the 'remote unit' in the ATAS-100 so that its circuitry can be used for other purposes. I do not want to use the ATAS-100 on another radio. I want to be able to allow the operator a chance at allowing he/she to use the internal tune (TUN) commands; of the FT-100(D); to control other forms of screwdriver antennas or an automatic antenna tuner (ATU). I myself want to have the challenge of building the circuit, and then allow others to expand on my ideas. I want to make most of the part accessible through Radio Shack, but yet some of the parts such as the inductors, might have to be ordered from Yaesu. There might be one external switch to change between the screwdriver or ATU mode of operation. If I ever have this to work, and you would like to post it on your home page, please at least put my call sign, and my first and last name.

---

I hope I have explained it to your understanding!!

Daniel
kg4dni

PS. If you want to see what I look like, go to qrz's detailed info on my call sign.

_____
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# 11428. RE: [FT100] Explanation on "TUN menu-driven ctrl box"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 11:44:51 UTC
From: Gary Mitchelson
Topic: 11427  Message: 11428

I for one would love to have something to tune my Hi-Q Stealth 2000. But one issue I see is that if you set the tune menu to ATAS-1 or 2 it disables the TX below 7 Mhz.

-----Original Message-----
From: Ham_Tech@... [mailto:Ham_Tech@...]
Sent: Thursday, January 03, 2002 20:16
To: fbatarse@...; FT100@yahoogroups.com
Cc: Paul_Closius@...; ka8fjc@...; wa7nrp@...;
Matt_Peifer@...; alan_rorie@...
Subject: [FT100] Explanation on "TUN menu-driven ctrl box"

I want to build onto the schematic of the 'remote unit' in the ATAS-100 so that its circuitry can be used for other purposes. I do not want to use the ATAS-100 on another radio. I want to be able to allow the operator a chance at allowing he/she to use the internal tune (TUN) commands; of the FT-100(D); to control other forms of screwdriver antennas or an automatic antenna tuner (ATU). I myself want to have the challenge of building the circuit, and then allow others to expand on my ideas. I want to make most of the part accessible through Radio Shack, but yet some of the parts such as the inductors, might have to be ordered from Yaesu. There might be one external switch to change between the screwdriver or ATU mode of operation. If I ever have this to work, and you would like to post it on your home page, please at least put my call sign, and my first and last name.

# 11429. Re: Deaf RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 05:16:23 UTC
From: georgeah6bv
Topic: 9915  Message: 11429

I just purchased a used FT-100, sn 0J..... that has the same symptoms. I practically took my coax patch cords and switches apart thinking I had a faulty connection. Same thing - S9 signals drop to S1 within a minute. Powering it off and on restores the RX sensitivity temporarily before it dies down. This is true for HF and 2M - only because I had no 6M or 430 sigs to monitor, and I was toggling A/B VFOs.

I removed the top cover and it seemed to cure the problem - seems to be thermal in nature. I borrowed the XYL's hair dryer with hot/normal air capability and did some hot/cold troubleshooting.

Found that the suspect component or condition is in the LPF board centered between the large black relay that the two coax leads connect to, and the ribbon cable. I tuned to strong signals on 20M and 2M and actually made the condition appear and disappear by heating and cooling that aarea of the LPF board.

Examination of the affected area in the LPF board shows that there is one resistor glued to the top of an IC chip which could be a temperature sensor?

I removed the 5 screws holding the LPF board to the chassis, applied De-Oxit to the screw lips and board's solder layered screwholes, thinking maybe board expansion was leading to less than optimal grounding. It seemed to do the trick - signals stayed at normal levels longer than before - almost half-an-hour. Once it dropped, it was back to the same old symptoms.

So... it may be that a grounding scheme for LPF board (to compensate for expansion diff) may do the trick. Or it may be the resistor?

I've given up for today. I put the radio back together. I have a little fan blowing onto the top cover rear vents. The radio RX has been operating normally. Just that instead of an internal fan mod, I have an external fan mod ;-)

George AH6BV / w1

--- In FT100@y..., brett_dawson@y... wrote:
> Hi all,
>
> just joined the group and looks like there's lots of good information
> about. I hope you can help with my question.
>
> I have seen this discussed before, but have not seen a definative

> answer or fix.
>
> My problem is after getting warm the RXer goes deaf, all bands and
> all modes, as far as I can tell.
>
> If I switch the radio off, then on again, it comes good for a short
> time (say abot 20secs), then goes deaf again.
>
> Anyone able to help with this ?
>
> Best Regards
>
> Brett, VK2CBD

# 11430. Re: ATAS-100 stinger length??? (Can you add a longer one???)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 05:46:59 UTC
From: nb6i
Topic: 11414  Message: 11430

I have tried using a longer stinger as well as a thicker stinger of the same length with the ATAS-100.

The thicker whip helps keep the antenna more erect at highway speed compated to the factory stinger. Looks nicer to the eye but it does not help improve transmission or reception.

The longer stinger does help the antenna tune down into 40 meters when installed with a less than ideal ground but you lose the ability to reach into 6 meters. No discernable advantage in transmission or reception here either.

In the end, the best thing to do with the ATAS-100 is leave the stinger alone and concentrate your hardware work on the other half of the vertical antenna. The counterpoise or ground plane. The ATAS-100 is a vertical antenna just like any other and it needs either a ground plane or a good capacitive coupling to the car body to work effectively.

A set of resonant length wires connected to the ground side at the mount is heaven to these antennas and it does improve reception and transmission performance. I have mine wrapped around a Yakima roof rack on top of my roof. Tuning stubs and a capacitive coupling plane ... who could ask for more. The most important ones as you might expect are 1/4 wavelength wires for 40, 20, 15 and 10 meters plus a short 1 foot wire to ground to the car roof. Yes it is an exercise in creative geometry to install a 32'9" (7.150Mhz) wire on your car roof.

Note: That short wire is important because the ATAS-100 needs a DC reference point to faithfully detect the 8 volt and 12 volt signals coming from the FT-100 to tell it what direction to move. It's also a good idea to ground the radio case to the car body with a similar short piece of wire at that end.

Also, using strong medicine tricks normally used in base stations can prove useful in mobiles. Putting a RadioWorks T-4 line isolator in the coax train helps keep feedback current coming back down the coax braid. Mobile installations are often picky and interrupting that current can help keep the FT-100 happier. The isolator should be added AFTER installing counterpoise wires. It only helps. It does not replace basic vertical antenna design requirements.

Oh. Watch the length of your coax run. Make sure you haven't created any high impedance conditions. The FT-100+ATAS will complain about such a mistake. Given the choice, I'd recommend you err on the long side and make a few more loops in your coil. Better

for cutting off a bad connector and replacing it later.

Given all that, I still like putting a thicker or longer stinger on the antenna. It looks cool and your friends notice when you pull up to have coffee.

****

I have not experimented with a really long stinger and a manual up/down switch to get the ATAS-100 to run resonant on 80 meters. I suppose it's possible and the little control boxes are in good supply these days. It'd be a stationary op thing at best. I doubt the antenna is beefy enough to take that much wind load not to mention whacking every tree in town. If you decide to do it I'd recommend having an SWR meter in line instead of relying on the SWR bars in the radio display.

Also remember the FT-100 does not auto-tune or transmit on 80 or 160 meters in settings ATAS-1/2 so it's a manual set up at best. You do not want to be toggling between ATAS off and 1. The radio does it's initial tune thing which moves the antenna and there goes your hard work.

****

I did experiment with driving into my garage with the ATAS-100 still erected. The ATAS lost. Garage doors are stronger. Fortunately for me I live in grid square DM03. The drive to the Yaesu building in Cerritos takes about 20 minutes. They're very nice people.

I have 2 ATAS antennas in case I make the mistake of attempting a rematch.

73
de NB6I

# 11431. Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 12:45:14 UTC
From: cockofromaol
Topic: 11356  Message: 11431

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I opened up the stock mic at one point but found that the mic
element
> is pressed into its own cylindrical housing and not easily
removed.
> Guess it actually is easily removed since you managed to do it.
Tell
> me more about getting it out. I think it's held in place by some
> rubber material possibly. Of course I must remove it before I can
> drill out the 3rd hole and twist the "baffle" around.
> Thanks for any suggestions.
> Chas N6AF

I dont recall any glue or adhesive holding it in. Its pressed in from what I remember. Once you pull it out, you will find a disc in front of the element, note its orientation and after you make the hole, you will see that the disc can be rotated slightly to allow more of the front of the element to be exposed to the three holes. Not much, but enough to make it work better.. Regards.. Richy N2ZD

# 11432. Sign in groups

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 11:44:02 UTC
From: Stephen Albert
Topic: 11432  Message: 11432

Hi , I have been tring to sign up for this group at yahoo, but keep getting this error message. I have a user name and password, I am a member of a couple of other groups. I have tried signing up from other PC's in different locations thinking it was a setting here but get the same error.

thanks in advance

Steve VE1SK

The page you are looking for is currently unavailable. The Web site might be experiencing technical difficulties, or you may need to adjust your browser settings.

---

Please try the following:

a.. Click the Refresh button, or try again later.

b.. If you typed the page address in the Address bar, make sure that it is spelled correctly.

c.. To check your connection settings, click the Tools menu, and then click Internet Options. On the Connections tab, click Settings. The settings should match those provided by your local area network (LAN) administrator or Internet service provider (ISP).
d.. If your Network Administrator has enabled it, Microsoft Windows can examine your network and automatically discover network connection settings.
If you would like Windows to try and discover them,
click Detect Network Settings
e.. Some sites require 128-bit connection security. Click the Help menu and then click About Internet Explorer to determine what strength security you have installed.
f.. If you are trying to reach a secure site, make sure your Security settings can support it. Click the Tools menu, and then click Internet Options. On the Advanced tab, scroll to the Security section and check settings for SSL 2.0, SSL 3.0, TLS 1.0, PCT 1.0.
g.. Click the Back button to try another link.

Cannot find server or DNS Error
Internet Explorer

# 11433. RE: Files

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 16:35:02 UTC
From: Terry
Topic: 11433  Message: 11433

Hi all,

I located the files page and completed the SWR mod yesterday. I have an extended stinger on my ATAS-100 (12" longer) and now with the mod I am able to tune 10 and 6 meters with no problem. Before doing the mod I rarely was able to tune up on 10 or 6. A great radio just became even better!

Terry - AF7W

_____
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# 11434. Re: Turnaround time...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 16:56:11 UTC
From: w1pa
Topic: 11422  Message: 11434

Just to add insult to injury, was told this morning that their computers have been down for a couple days as well... ordered some parts on Dec 21 and they still haven't shipped.

Bill
W1PA

# 11435. Re: [FT100] Re: Turnaround time...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 12:45:37 UTC
From: byrddawg
Topic: 11422  Message: 11435

I asked for the VHF/UHF fan mod and the grounding problem mod. For the past week I have tried to contact Yaesu and could not even get them to answer the phone (562-404-2700) until yesterday. It seems they have experienced a series of electrical blackouts in the area over the last 30/45 days. I don't think I would want to live in a place where you couldn't depend on electricity. As of yesterday, my radio had not been assigned to a tech. I am finding out that several of the current Yaesu products are having the "grounding problem". Hopefully, Yaesu won't end up being the "Firestone" of amateur radio with "AOL" service....Paul

bed143 wrote:

> Did you tell Yaesu which mods you wanted done are di dyou merely tell
>
> them to do "all mods"? I sent my FT-847 in in November (non-warranty
> work) and I was told 12 weeks! I sent them an e-mail asking for an
> update and they have not responded. Did you call them??
>
> --- In FT100@y..., "birddog73162" <byrddawg@s...> wrote:
> > Well, the FT-100D has been at the Yeasu hospital in Cerritas for
> the
> > "mod's" since 12-18-2001. I UPS'ed the unit in on the 11th. Today
> they
> > told me not to expect the unit back until at least the end of this
> > month. The holidays and several power outages have slowed the
> > turn around time down. Anyone sending a unit in now should not
> expect
> > a return for 6/7 weeks. I was originally told I could expect a 30
> day
> > turn around...Paul, KD5KCZ
>
>
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> FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
>
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[Non-text portions of this message have been removed]

# 11436. Re: [FT100] Re: Deaf RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 18:09:39 UTC
From: John Hirth
Topic: 9915  Message: 11436

George, Brett and all:

Very good localization troubleshooting, George. My 100D is now back at Yaesu in California for EXACTLY this problem.

Actually, I sent it there originally for both this problem and the VHF thermal mod, but when it came back the mod was done but this sensitivity problem was still there. So I contacted John Lynn, Customer Service Manager directly. He told me to send it back again with a letter describing our phone conversation and he'd get someone right on it, since the problem wasn't fixed the first time (after sitting in their queue for 5 weeks).

When I get it back with the problem fixed, I'll look at the invoice and tell the list what components were replaced.

Sure wish I could just hop back and forth to Cerritos, but the one week ship time each way from NY is a drag.

73 to all, and Happy New Year.
John W2KI
---

george ah6bv wrote:
>
> I just purchased a used FT-100, sn 0J..... that has the same
> symptoms. I practically took my coax patch cords and switches apart
> thinking I had a faulty connection. Same thing - S9 signals drop to
> S1 within a minute. Powering it off and on restores the RX
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> connect to, and the ribbon cable. I tuned to strong signals on 20M
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> have an external fan mod ;-)
>
> George AH6BV / w1
---
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> just joined the group and looks like there's lots of good
information
> about. I hope you can help with my question.
>
> I have seen this discussed before, but have not seen a definative
> answer or fix.
>
> My problem is after getting warm the RXer goes deaf, all bands and
> all modes, as far as I can tell.
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> If I switch the radio off, then on again, it comes good for a short
> time (say abot 20secs), then goes deaf again.
>
> Anyone able to help with this ?
>
> Best Regards
>
> Brett, VK2CBD

# 11437. Re: Explanation on "TUN menu-driven ctrl box"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 17:47:24 UTC
From: nb6i
Topic: 11427  Message: 11437

The circuitry you seek is doable.

What you want to do is two things.

1. Extract the 8v/12v DC signals from the FT-100 coax. Take a look at the SGC coax/DC isolator for an example on the principle. There are homebrew examples of this type of gizmo floating around as well.

2. Then you need a circuit that takes the 8v/12v/0v signals and converts them into the signals (and amperage levels) needed by another screwdriver design. These are probably direct drive to the stepper motor designs using +12v/-12v/0v signals. Note that the 0v case is important. That means "don't move". A proper design positively detects and implements all three conditions. On the FT-100 side I'd recommend declaring any voltage less than 5v as the OFF/STOP logic level.

Caveat: FT-100's do not autotune below 7Mhz. So this circuit will be unable to reach down into the 80/160 capabilities of a larger screwdriver.

Personally, it's easier and more flexible to use a manual up/down box with another antenna. But I agree it makes for a nice theoretical design project.

73 de NB6I

# 11438. Re: [FT100] Re: various mics for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 19:00:09 UTC
From: Glen Farough
Topic: 11356  Message: 11438

I have same trouble as py2mrd... My FT-100d serial no is OK07.... series Please advise if you find a solution? I am going to try feeding audio into the 6 pin din connector on the back rather than the mic connector as the next desperate attempt to get yaesu audio quality out of the FT-100d 73 de Glen VE7LGF --- luiz lissoni wrote: > Folks, > > No matter what type of mic I use, reports with this > rig are poor ! I?ve tried all sort of mics (Yaesu, > Shure, Heil, Drake, Astatic etc...) and seems that > audio is not the best point. This rig was designed > to > be pratical, but I can record any QSO in any band, > using any mic and send through this net to > everybody. > > What about setting a UTC time and band and test our > rigs "on the air" ??? > > 73?s > --- backhoefade wrote: > > > > > > > I opened up the stock mic at one point but found > that > the mic element
> is pressed into its own cylindrical housing and not > easily removed.?
> Guess it actually is easily removed since you > managed > to do it.? Tell
> me more about getting it out.? I think it's held > in place by some
> rubber material possibly.? Of course I must > remove it before I can
> drill out the 3rd hole and twist the > "baffle" around.
> Thanks for any suggestions.
> Chas? N6AF
>
> --- In FT100@y..., "cockofromaol" > wrote:
> > --- In FT100@y..., "backhoefade" > wrote:
> > > I tried my D-104 on the FT-100D and it seems > that the level is
> too
> > > low even with the mic gain set to 100.? > I'm trying various mics,
> > > trying to find something that has better > sound than the stock
> > mobile
> > > mic.? More often than not I receive > marginal audio reports with
> the
> > > stock mic no matter what the settings.? > Seems to need a high
> output
> > > mic so this may limit my options.? The > D-104 works great on my old
> > > TS-520.? Plenty of drive with the mic > gain set mid-range.? Has
> > anyone
> > > used the D-104 with the FT-100D?? Do I > need to have the active
> mic
> > > pre-amp installed in the mic?
> > > N6AF? Chas
> >
> >?? Did you try modding the mic? open the > third hole and realign the
> > disc so that the holes are more in line with the > element. I get
> > excellent audio reports now.. Regards.. Richy
>
> > >
> > > >
>
>

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# 11439. Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 19:24:14 UTC
From: backhoefade
Topic: 11439  Message: 11439

In order to eliminate some of the mystery and guess-work associated with the FT-100D and its often-criticized transmit audio "quality", I intend to measure the effective frequency response from the mic input to the RF output. In other words I will drive the input with a sinusoid of a defined level (confirmed low enough to ensure no compression) and then measure the RF emission (a single sinusoidal side-band). I'll choose different driving impedances to emulate different mic impedances. Then at least we will have a clear picture of the overall frequency response of the "audio-to-RF channel" in the transmitter. Beyond that we are subject to microphone frequency response and interface effects (mis-match leading to reduced level and/or non-flat frequency response). Viewing the basic response will be a good starting point.
N6AF Chas

# 11440. RE: [FT100] Re: Explanation on "TUN menu-driven ctrl box"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 19:32:37 UTC
From: Jesse
Topic: 11427  Message: 11440

I think there is a design in the files link of this group. And to get around the Below 7Mhz stuff there is a manual switch to help with that.

-----Original Message-----
From: nb6i [mailto:dsantiago@...]
Sent: Friday, January 04, 2002 11:47 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Explanation on "TUN menu-driven ctrl box"

The circuitry you seek is doable.

What you want to do is two things.

1. Extract the 8v/12v DC signals from the FT-100 coax. Take a look at the SGC coax/DC isolator for an example on the principle. There are homebrew examples of this type of gizmo floating around as well.

2. Then you need a circuit that takes the 8v/12v/0v signals and converts them into the signals (and amperage levels) needed by another screwdriver design. These are probably direct drive to the stepper motor designs using +12v/-12v/0v signals. Note that the 0v case is important. That means "don't move". A proper design positively detects and implements all three conditions. On the FT-100 side I'd recommend declaring any voltage less than 5v as the OFF/STOP logic level.

Caveat: FT-100's do not autotune below 7Mhz. So this circuit will be unable to reach down into the 80/160 capabilities of a larger screwdriver.

Personally, it's easier and more flexible to use a manual up/down box with another antenna. But I agree it makes for a nice theoretical design project.

73 de NB6I

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[Non-text portions of this message have been removed]

# 11441. Re: [FT100] Re: Explanation on "TUN menu-driven ctrl box"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 20:11:45 UTC
From: Greg Williams
Topic: 11427  Message: 11441

The only way around the Tuning below 7 MHz deal is to go into the menu and turn off ATAS 1 or 2 and then you can use 80 or 160 meters but youll need a tuner.

Greg Williams
K4HSM

----- Original Message -----
From: "Jesse " <jesse@...>
To: <FT100@yahoogroups.com>
Sent: Friday, January 04, 2002 2:32 PM
Subject: RE: [FT100] Re: Explanation on "TUN menu-driven ctrl box"

I think there is a design in the files link of this group. And to get around the Below 7Mhz stuff there is a manual switch to help with that.

-----Original Message-----
From: nb6i [mailto:dsantiago@...]
Sent: Friday, January 04, 2002 11:47 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Explanation on "TUN menu-driven ctrl box"

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2. Then you need a circuit that takes the 8v/12v/0v signals and converts them into the signals (and amperage levels) needed by another screwdriver design. These are probably direct drive to the stepper motor designs using +12v/-12v/0v signals. Note that the 0v case is important. That means "don't move". A proper design positively detects and implements all three conditions. On the FT-100 side I'd recommend declaring any voltage less than 5v as the OFF/STOP logic level.

Caveat: FT-100's do not autotune below 7Mhz. So this circuit will be unable to reach down into the 80/160 capabilities of a larger screwdriver.

Personally, it's easier and more flexible to use a manual up/down box with another antenna. But I agree it makes for a nice theoretical design project.

73 de NB6I

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[Non-text portions of this message have been removed]

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# 11442. RE: [FT100] Re: Deaf RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 23:46:22 UTC
From: Richard W. Solomon
Topic: 9915  Message: 11442

You could cut the time in half using USPS Priority Mail,
cheaper than the Brown Shirt Gorilla Co.

73, Dick, W1KSZ

-----Original Message-----
From: John Hirth [mailto:w2ki@...]
Sent: Friday, January 04, 2002 1:10 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Deaf RX

George, Brett and all:

Very good localization troubleshooting, George. My 100D is now back at
Yaesu in California for EXACTLY this problem.

Actually, I sent it there originally for both this problem and the VHF
thermal mod, but when it came back the mod was done but this sensitivity
problem was still there. So I contacted John Lynn, Customer Service
Manager directly. He told me to send it back again with a letter
describing our phone conversation and he'd get someone right on it,
since the problem wasn't fixed the first time (after sitting in their
queue for 5 weeks).

When I get it back with the problem fixed, I'll look at the invoice and
tell the list what components were replaced.

Sure wish I could just hop back and forth to Cerritos, but the one week
ship time each way from NY is a drag.

73 to all, and Happy New Year.
John W2KI
-----------

george ah6bv wrote:
>
> I just purchased a used FT-100, sn 0J..... that has the same
> symptoms. I practically took my coax patch cords and switches apart
> thinking I had a faulty connection. Same thing - S9 signals drop to
> S1 within a minute. Powering it off and on restores the RX
> sensitivity temporarily before it dies down. This is true for HF and
> 2M - only because I had no 6M or 430 sigs to monitor, and I was
> toggling A/B VFOs.
>
> I removed the top cover and it seemed to cure the problem - seems to
> be thermal in nature. I borrowed the XYL's hair dryer with
> hot/normal air capability and did some hot/cold troubleshooting.

>
> Found that the suspect component or condition is in the LPF board
> centered between the large black relay that the two coax leads
> connect to, and the ribbon cable. I tuned to strong signals on 20M
> and 2M and actually made the condition appear and disappear by
> heating and cooling that aarea of the LPF board.
>
> Examination of the affected area in the LPF board shows that there is
> one resistor glued to the top of an IC chip which could be a
> temperature sensor?
>
> I removed the 5 screws holding the LPF board to the chassis, applied
> De-Oxit to the screw lips and board's solder layered screwholes,
> thinking maybe board expansion was leading to less than optimal
> grounding. It seemed to do the trick - signals stayed at normal
> levels longer than before - almost half-an-hour. Once it dropped, it
> was back to the same old symptoms.
>
> So... it may be that a grounding scheme for LPF board (to compensate
> for expansion diff) may do the trick. Or it may be the resistor?
>
> I've given up for today. I put the radio back together. I have a
> little fan blowing onto the top cover rear vents. The radio RX has
> been operating normally. Just that instead of an internal fan mod, I
> have an external fan mod ;-)
>
> George AH6BV / w1
---
In FT100@y..., brett_dawson@y... wrote:
> Hi all,
>
> just joined the group and looks like there's lots of good
information
> about. I hope you can help with my question.
>
> I have seen this discussed before, but have not seen a definative
> answer or fix.
>
> My problem is after getting warm the RXer goes deaf, all bands and
> all modes, as far as I can tell.
>
> If I switch the radio off, then on again, it comes good for a short
> time (say abot 20secs), then goes deaf again.
>
> Anyone able to help with this ?
>
> Best Regards
>
> Brett, VK2CBD

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# 11443. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 00:11:33 UTC
From: Federico Batarse
Topic: 11443  Message: 11443

hi, this is federicobatarse, xe2nlm, in mexico, and i think i now who this thing work.

1.- two voltage ( both dc,) one for up and one for down( i think 8.9 for up and 6.0 for down) on the coax cable.

2.- the ft-100 and the ft-847 have a procesor to tell the unit (atas 100) move up or down. and found the swr lower for the desired frequency, and then if the user move the frequency the microprocesor tell the atas 100( by the meaning of the voltage) to go down or go up. and then found again the lowest swr for this new frequency.

the microprocesor can advice the movements or cancel if the atas is no conected.

regards and 73

Federico Batarse
XE2NLM :73!

please visit this site:
http://www.vk.com.mx

(El texto no tiene acentos para facilitar su lectura)

[Non-text portions of this message have been removed]

# 11444. Re: [FT100] Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 02:19:07 UTC
From: Lee Devlin
Topic: 11439  Message: 11444

--- backhoefade <cgarner@...> wrote:
> In order to eliminate some of the mystery and
> guess-work associated
> with the FT-100D and its often-criticized transmit
> audio "quality", I
> intend to measure the effective frequency response
> from the mic input
> to the RF output. In other words I will drive the
> input with a
> sinusoid of a defined level (confirmed low enough to
> ensure no
> compression) and then measure the RF emission (a
> single sinusoidal
> side-band). I'll choose different driving
> impedances to emulate
> different mic impedances. Then at least we will
> have a clear picture
> of the overall frequency response of the
> "audio-to-RF channel" in the
> transmitter. Beyond that we are subject to
> microphone frequency
> response and interface effects (mis-match leading to
> reduced level
> and/or non-flat frequency response). Viewing the
> basic response will
> be a good starting point.
> N6AF Chas

Hi Chas,

I think this will be a good experiment. I generally get good audio reports on my rig and I've talked with others with FT100s who sound fine. However, there have been those who have found that they needed to change mics to get good audio reports and those who can't get a decent audio report no matter what they try.

The only thing I can think of is that the RF is getting back into the mic during transmit and causing some kind of distortion. It's not apparent what kind of distortion is being caused because there is no quantitative way to explain how the audio is distorted. So I think that putting a pure sine wave into the mic would be the first step in finding out what's happening. However, if the rig already has

good audio, then it may not yield any results that would help us to understand what is wrong with the rigs that have the 'poor audio' issue.

If it is RF getting back into the mic,(picked up on the mic cable), then there are a few things that can be done to help isolate that problem.

The first would be to reduce power or the RF field around the rig to see the audio distortion changes. This could be done simply by backing down the power output or by connecting to an antenna that is far away from the rig. The RF fields around mobile rigs tend to be quite large, even if they are considered 'safe' by FCC limits, because the antenna tends to be just a few feet away.

Another experiment would be to wrap the mic cord around a ferrite a few times to see if that helps. If it is RF getting into the audio circuit, it will have more trouble getting through a ferrite whereas the audio frequencies will get through without a problem.

These are easy experiments to try and might help isolate the issue for those who have the problem.

73,

Lee, K0LEE

---

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# 11445. Re: [FT100] Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 03:27:43 UTC
From: n4xeo
Topic: 11439  Message: 11445

At 06:19 PM 1/4/2002 -0800, you wrote:

Major snip!!

>The only thing I can think of is that the RF is
>getting back into the mic during transmit and causing
>some kind of distortion. It's not apparent what kind
>of distortion is being caused because there is no
>quantitative way to explain how the audio is
>distorted. So I think that putting a pure sine wave
>into the mic would be the first step in finding out
>what's happening. However, if the rig already has
>good audio, then it may not yield any results that
>would help us to understand what is wrong with the
>rigs that have the 'poor audio' issue.
>
>These are easy experiments to try and might help
>isolate the issue for those who have the problem.
>
>73,
>
>Lee, K0LEE

Hi Lee and the rest of the group.

I think that the biggest problem is the supply power. If the radio ISN'T running at 13.8 volts, then this is a VERY good place to have the audio messed up. A good test of this is turn your engine off while talking to some one and ask them what your audio sounds like. This might take about 15 minutes before the audio starts to go. You have to wait for the battery to loose it's float charge. The radio is DESIGNED to run at 13.8. Any less and you are taking a chance to have problems.

The other thing that people do is run the mic setting WAY too high. I run my mic gain (menu 25) at 40 and this was checked on a service monitor to be about the best setting for it. Most everyone in my area is using the same settings with VERY good audio results. menu 26 is set to 45 and that is even a bit hot when the windows are open. I do not need to use the comp and that is something else that I have not seen people say. We would need to know what their settings are and what they are using for supply voltage.

When people say they are having a problem, they need to give us some menu settings so they can be looked at. I will put my settings that I use for audio in this message for all to look at and try.

MENU:
25, 40

26, 45
27, 40
33, 5
62, +050
63, +050
64, -200
65, -200

These settings were done by a friend of mine on a service monitor after MANY hours of playing to get the best sound that he could get out of the radio. His voice has a higher tone than mine and the same settings work for both of us and many others in my area. Please look at your settings and give these a try and see if it makes a difference.

The other thing, like I said before is the voltage. The radio wants 13.8 volts (this was also looked at with higher and lower voltages). Make sure that you are running both the positive and negative leads direct to the battery and that you have the radio WELL grounded.

Well this is enough for now.
If anyone would like a copy of exactly what my settings are, I would be more than happy to post them here for all to play with.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 11446. Re: [FT100] Re: ATAS-100 6meter ops

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-04 19:07:24 UTC
From: louis d'aria
Topic: 11414  Message: 11446

Ft100 working great on 10 meters after factory mods.
However, now I can't seem to get it to tune on 6
meters.
Any ideas? (atas 100 ant)

--... ...--'s wa6kja@...

_____
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# 11447. New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 15:20:16 UTC
From: kentonham
Topic: 11447  Message: 11447

I'm testing for my ticket in the next few days..
As I'm in a rural area away from repeaters, I'm looking at my first rig to be the FT-100 vs a HT. My drive to work is about an hour through mostly rural area too - a good opportunity to DX?
It's obviously lots more money, but I figure that why be unhappy with a low power HT and not hit the repeaters when you can have the whole shebang!

Comments anyone?

Kevin

# 11448. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 18:40:56 UTC
From: Dave Hornung
Topic: 11447  Message: 11448

Kevin

I don't know about anybody else but trying to tune DX & drive at the same time is a pain! Great if you are stopped, but otherwise too distracting from my driving.

Dave WB2SQR
PS Good luck on your test, hope to hear you on the air

kentonham wrote:

> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
> It's obviously lots more money, but I figure that why be unhappy with
> a low power HT and not hit the repeaters when you can have the whole
> shebang!
>
> Comments anyone?
>
> Kevin
>
>
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# 11449. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 16:37:45 UTC
From: John Roe
Topic: 11447  Message: 11449

Hi,

I have had an FT-100 in my car now for over two years.

I programmed the beginning band edge frequencies into sequential memory locations. This allows me to tune to a new band by simply pressing the one button on the front panel. Once on the band I want I use the buttons on the top of the microphone to run up or down the band. This makes it very easy to scan for any stations DX or otherwise.

I also use the ATAS-100 antenna so tuning again only takes the push of one button.

All of this makes using the system mobile very easy and I have worked many DX stations as well as stations in the U.S.

73's....AJ1R.......John

----- Original Message -----
From: "kentonham" <hallorans@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, January 05, 2002 10:20 AM
Subject: [FT100] New Ham?

> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
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> a low power HT and not hit the repeaters when you can have the whole
> shebang!
>
> Comments anyone?
>
> Kevin
>
>
>
>
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> List owner: FT100-owner@yahoogroups.com
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>

# 11450. Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 17:43:37 UTC
From: joates_48323
Topic: 11447  Message: 11450

Hi Kevin,

I think the FT-100D would be a good solution for you. I use mine with an ATAS-100 mobile when I travel for business. You can have the best of both worlds. I program in frequencies, primarily on 17 and 10 meters as a place to start on HF. Then I use the up-down buttons on the mike to tune off these frequencies if they are in use or if I want to look for someone calling CQ. When you change bands, all you have to do is hit the "tune" button on the FT-100D and the ATAS-100 automatically gets an acceptable swr.

I also have 2 meter and 440 band edges set so that I can scan for repeaters (or even simplex qsos). My suggestion is not to try to work HF and VHF/UHF from the ATAS-100. I use a separate 2 meter/440 antenna and it works great!

Regards,

Joe - KB8BO
--- In FT100@y..., "kentonham" <hallorans@k...> wrote:
> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
> It's obviously lots more money, but I figure that why be unhappy
with
> a low power HT and not hit the repeaters when you can have the
whole
> shebang!
>
> Comments anyone?
>
> Kevin

# 11451. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 20:33:53 UTC
From: The Simpsons
Topic: 11447  Message: 11451

I use my FT100 often on the HF bands and find tuning no problem while driving. It all depends on where the front panel is mounted. I would suggest you purchase the (rather over priced) separatiuon kit and mount the front panel so you can rest your hand on something while tuning. The tuning knob requires a very light touch and is almost impossible to tune accurately on SSB while mobile unless you can rest your hand. Mine is mounted on the centre console of my Isuzu Bighorn (Trooper in the USA) immediately in front of the handbrake lever. You can rest your hand on the lever while using a finger to tune around. I travel up to 4 hours each way on faults at times so have plenty of time to chase the DX etc. Also ensure you can easily read the display with very little eye movement or at least at a very quick glance. The exact frequency doesn't matter as long as you don't stray out of band. Use the memories for the commomn frequencies or VHF as well. You soon get used to finding the various controls by touch without having to look at the radio. The only difficulty I have is switching the noise blanker on and off. It is hard to find the right function by touch. As my Isuzu is Diesel powered, I only need the noise blanker when travelling by noisy power lines, electric fences or near other petrol powered vehicles.
Get an auto tuner (or perhaps the ATAS100) and you will have a lot of fun without being confined to the one HF band. I use an SGC239 with great success. This allows me to use my 20 meter whip on any band from 80 through to 10. The ATAS won't tune 80. If I know I am going to be on a particular band, I use an antenna designed for that band, but the SG239 gives the flexability to change bands without stopping the vehicle. It is also very fast to tune.

Grant, ZL2BK.

----- Original Message -----
From: "kentonham" <hallorans@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 06, 2002 4:20 AM
Subject: [FT100] New Ham?

> I'm testing for my ticket in the next few days..
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> rig to be the FT-100 vs a HT. My drive to work is about an hour
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>
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# 11452. Re: [FT100] Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 21:12:17 UTC
From: Lee Boulineau
Topic: 11447  Message: 11452

Congrats to Kevin on his upcoming ticket. I recently bought a FT-100D and I love the rig. I haven't used it mobile (yet!!), but have used it in a base station and portable with a couple of deep-cycle batteries. I use an Outbacker for portable ops (I use radials and a Vise grip tyoe clamp for the antenna) and a G5RV through a MFJ matcher for base use. I like the Outbacker antennas because they give you 80-2 meters (I only use it on 80 thru 6), they are rugged, and they look decent. If you use a remote automatic tuner (LDG makes a reasonably priced 80-6 meter tuner), you can use a 102" whip and get a wide range of coverage also. I am going to mount my rig in my 1996 Jeep Cherokee with the Outbacker and a LDG remote tuner and a remote head (I may eventually rig up an ALC circuit with a timer on the PTT to give a low-level signal for 15-30 seconds to allow one-touch tuning). I will use a separate antenna for 144/440.Hope this info helps.

73 de N4MVL

Lee

--- joates_48323 <joates@...> wrote:
> Hi Kevin,
>
> I think the FT-100D would be a good solution for
> you. I use mine
> with an ATAS-100 mobile when I travel for business.
> You can have the
> best of both worlds. I program in frequencies,
> primarily on 17 and
> 10 meters as a place to start on HF. Then I use the
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> on the mike to tune off these frequencies if they
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>
> I also have 2 meter and 440 band edges set so that I
> can scan for
> repeaters (or even simplex qsos). My suggestion is
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> work HF and VHF/UHF from the ATAS-100. I use a
> separate 2 meter/440
> antenna and it works great!
>
> Regards,
>
> Joe - KB8BO
> --- In FT100@y..., "kentonham" <hallorans@k...>
> wrote:
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> > Kevin
>
>

---
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# 11453. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 19:47:13 UTC
From: Greg Williams
Topic: 11447  Message: 11453

I went to my first HAMfest in three years and on the way up we used my friends FT-100 with ATAS-100 antenna. Lot of stations, but oddly little if any DX that we could pick up. Mustve been a slow day...

He drove while I tuned up and tuned in. It does make the time pass (with all the knob turning). One odd thing that has nothing to do with the radio was that the only stations out there were the general ragchewers who only want to talk to each other ("Well I think thats good, over to you, Bob" *no pause* "And I like blahblahblah back to you Bill") and no one calling CQ. But thats how some days go I suppose.

It took an hour to drive to and from. It didnt feel like it took that long thanks to the rig. Maybe next time I'll be the center of a pileup...

It does seem to be too distracting if youre not used to the rig. So be careful that you dont have your head down looking at the display instead of driving. Lord knows I've almost been killed by the cellular yackers who dont pay attention to stop signs, oncoming traffic, and yellow lane dividers...

Greg Williams

----- Original Message -----
From: "kentonham" <hallorans@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, January 05, 2002 10:20 AM
Subject: [FT100] New Ham?

I'm testing for my ticket in the next few days..
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It's obviously lots more money, but I figure that why be unhappy with a low power HT and not hit the repeaters when you can have the whole shebang!

Comments anyone?

Kevin

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# 11454. Re: ATAS-100 stinger length??? (Can you add a longer one???)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 18:34:02 UTC
From: n9cv
Topic: 11414  Message: 11454

I drive mine into the garage daily with the ATAS 100 attached. I mounted the ATAS-100 lower on the vehicle so only the stinger hits the 7 foot garage door. When I get out of the car, I tie down the stinger to my roof rack with a plastic tie wrap the has a hole in the end of it. Sometimes I just just hold the stinger out of the way when I close the door. I have had no problems with the compromize installation.

A few times I have forgotten to release the stinger from it's plastic hold down and still made contacts on the road with no damage to the radio or antenna.

Ken - N9CV
--- In FT100@y..., "nb6i" <dsantiago@p...> wrote:
> I have tried using a longer stinger as well as a thicker stinger of
> the same length with the ATAS-100.
>
> The thicker whip helps keep the antenna more erect at highway speed
> compated to the factory stinger. Looks nicer to the eye but it
does
> not help improve transmission or reception.
>
> The longer stinger does help the antenna tune down into 40 meters
> when installed with a less than ideal ground but you lose the
ability
> to reach into 6 meters. No discernable advantage in transmission
or
> reception here either.
>
> In the end, the best thing to do with the ATAS-100 is leave the
> stinger alone and concentrate your hardware work on the other half
of
> the vertical antenna. The counterpoise or ground plane. The ATAS-
> 100 is a vertical antenna just like any other and it needs either a
> ground plane or a good capacitive coupling to the car body to work
> effectively.
>
> A set of resonant length wires connected to the ground side at the
> mount is heaven to these antennas and it does improve reception and
> transmission performance. I have mine wrapped around a Yakima roof
> rack on top of my roof. Tuning stubs and a capacitive coupling
> plane ... who could ask for more. The most important ones as you
> might expect are 1/4 wavelength wires for 40, 20, 15 and 10 meters
> plus a short 1 foot wire to ground to the car roof. Yes it is an
> exercise in creative geometry to install a 32'9" (7.150Mhz) wire on

> your car roof.
>
> Note: That short wire is important because the ATAS-100 needs a DC
> reference point to faithfully detect the 8 volt and 12 volt signals
> coming from the FT-100 to tell it what direction to move. It's
also
> a good idea to ground the radio case to the car body with a similar
> short piece of wire at that end.
>
> Also, using strong medicine tricks normally used in base stations
can
> prove useful in mobiles. Putting a RadioWorks T-4 line isolator in
> the coax train helps keep feedback current coming back down the
coax
> braid. Mobile installations are often picky and interrupting that
> current can help keep the FT-100 happier. The isolator should be
> added AFTER installing counterpoise wires. It only helps. It
does
> not replace basic vertical antenna design requirements.
>
> Oh. Watch the length of your coax run. Make sure you haven't
> created any high impedance conditions. The FT-100+ATAS will
> complain about such a mistake. Given the choice, I'd recommend you
> err on the long side and make a few more loops in your coil.
Better
> for cutting off a bad connector and replacing it later.
>
> Given all that, I still like putting a thicker or longer stinger on
> the antenna. It looks cool and your friends notice when you pull
up
> to have coffee.
>
> ****
>
> I have not experimented with a really long stinger and a manual
> up/down switch to get the ATAS-100 to run resonant on 80 meters.
I
> suppose it's possible and the little control boxes are in good
supply
> these days. It'd be a stationary op thing at best. I doubt the
> antenna is beefy enough to take that much wind load not to mention
> whacking every tree in town. If you decide to do it I'd recommend
> having an SWR meter in line instead of relying on the SWR bars in
the
> radio display.
>
> Also remember the FT-100 does not auto-tune or transmit on 80 or
160
> meters in settings ATAS-1/2 so it's a manual set up at best. You
do

> not want to be toggling between ATAS off and 1. The radio does
it's
> initial tune thing which moves the antenna and there goes your hard
> work.
>
> ****
>
> I did experiment with driving into my garage with the ATAS-100
still
> erected. The ATAS lost. Garage doors are stronger. Fortunately
> for me I live in grid square DM03. The drive to the Yaesu building
> in Cerritos takes about 20 minutes. They're very nice people.
>
> I have 2 ATAS antennas in case I make the mistake of attempting a
> rematch.
>
> 73
> de NB6I

# 11455. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 18:18:45 UTC
From: Jack Bruce
Topic: 11447  Message: 11455

Welcome new ham

Go for the FT100D and a ATAS100 and a Clear Speach Speaker. Winning combanation.
I got combo for Xmas and best rig I have ever owned.
73', Jack, WA5UUD in New Orleans, La.

> kentonham wrote:
>
> > I'm testing for my ticket in the next few days..
> > As I'm in a rural area away from repeaters, I'm looking at my first
> > rig to be the FT-100 vs a HT. My drive to work is about an hour
> > through mostly rural area too - a good opportunity to DX?
> > It's obviously lots more money, but I figure that why be unhappy with
> > a low power HT and not hit the repeaters when you can have the whole
> > shebang!
> >
> > Comments anyone?
> >
> > Kevin
> >
> >

# 11456. Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 18:18:57 UTC
From: n9cv
Topic: 11447  Message: 11456

You did not state what class of license you are testing for. DX means different things to different people and is highly dependant on license class. If your class will be technician, then mobile DX will probably mean I hit some repeater 75 miles away with the occasional band opening of 300 to 400 miles on FM.

If your new license will be General or above then DX takes a different meaning. DX on HF is usually foreign countries or islands. Working US states and Canadian provinces are an everyday thing and not usually considered DX on HF.

With that said, I use an FT-100 / ATAS-100 combination mobile with no problems. I do a lot of listening and about once a week work some foreign island or country or island on HF. You are at a disadvantage mobile in a pileup due to your lower power and a less efficient antenna than the big guns you are competing with. I have found that you can unually get through anyway with a little persistance. Just make sure to add the word mobile to your call sign and usually the distant station will come back to you if he just hears the word mobile. I have not tried to do mobile CW with the FT-100. I am not that good to do CW and drive at the same time.

I think the FT-100 mobile is a good overall solution for all mobile work. It is a very expensive solution if you are only going to use it for 50 MHZ and above. If you are only interested in 2 meters or 440MHZ go buy an Icom 207H for less than $300. BTW Kenwood and Yeasu also make similar radios to the 207H in the same price range.

If your initial license is General or above (or you plan to upgrade to General or above) buy the FT-100D.

Ken - N9CV
--- In FT100@y..., "kentonham" <hallorans@k...> wrote:
> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
> It's obviously lots more money, but I figure that why be unhappy
with
> a low power HT and not hit the repeaters when you can have the
whole
> shebang!
>
> Comments anyone?
>
> Kevin

# 11457. RE: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 17:58:18 UTC
From: Richard W. Solomon
Topic: 11447  Message: 11457

I have an FT-100 in my truck and have worked over 220 countries
while mobile, most of them while driving. Just don't try logging
them until you pull over !!
My antenna is the Hustler with 4 "stingers" at the top for 20/17/15
and 12 meters. I set up each band edge (both CW & Phone) and the
RTTY sub-bands in sequential memories. Makes it easy to change bands
and no antenna tuning.
The ATAS is nice, but the Hustler works just as well for a lot less
money and no moving parts to "gum up".
Since I frequent a lot of repeaters, I also have a pair of Kenwood
commercial radios (VHF & UHF) that goes into a Duo-Band antenna on
the roof.
Good luck on the test and welcome to the wonderful world of Ham Radio.

73, Dick, W1KSZ
Licensed since 1954

-----Original Message-----
From: kentonham [mailto:hallorans@...]
Sent: Saturday, January 05, 2002 10:20 AM
To: FT100@yahoogroups.com
Subject: [FT100] New Ham?

I'm testing for my ticket in the next few days..
As I'm in a rural area away from repeaters, I'm looking at my first
rig to be the FT-100 vs a HT. My drive to work is about an hour
through mostly rural area too - a good opportunity to DX?
It's obviously lots more money, but I figure that why be unhappy with
a low power HT and not hit the repeaters when you can have the whole
shebang!

Comments anyone?

Kevin

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11458. HELP..HELP..

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 17:55:20 UTC
From: beecroft411
Topic: 11458  Message: 11458

Hi All ,
We all have done the rx and tx mod BUT what does jumpers
3and 4 do??? any idea or info please..

thanks beecroft.......

# 11459. New (and final) FAQ location

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 22:27:48 UTC
From: lee810
Topic: 11459  Message: 11459

When I first started keeping the FAQ a few years ago, it was small and had only a few images. Over time it grew along with my personal web site so that it over flowed the 2MB limit allowed by AOL. When I got a cable modem setup, I moved it to @home which allowed a whopping 10MB limit but I soon outgrew that and had to start splitting it up again which is a pain since you have to make absolute links to various parts of it and you can easily break a link if you're not paying attention. @Home wasn't the best hosting service, since that wasn't how they made money and they would frequently drop users who were downloading large images, such as the ones we have on the mods and ATAS pages. It was really frustrating to hear from about the problems some of you had with those images.

@home went bankrupt about a month ago and so I had to move it again, borrowing some space from a friend. I did get an AT&T connection cable connection along with some web space to replace @home, but I've learned my lesson that ISPs don't like to host websites because it's a headache and they make no money from it. So I went out and got a domain name. That's right, you won't have to go looking around again if my host goes belly up or becomes incompetent about hosting because I can move it without changing its URL. So here is the new and hopefully last location you'll have to bookmark for the FT100 FAQ:

http://www.k0lee.com/ft100faq.html

That should make things easier in the future...

73,

Lee, K0LEE

http://k0lee.com

# 11460. Re: [FT100] New (and final) FAQ location

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 22:45:27 UTC
From: Tad Danley
Topic: 11459  Message: 11460

lee810 wrote:

> So here is the new and
> hopefully last location you'll have to bookmark for the FT100 FAQ:
>
> http://www.k0lee.com/ft100faq.html

Thanks for the great service to FT-100/D users, Lee!

73,

--
Tad Danley, K3TD
mailto:taddanley@...

# 11461. Re: [FT100] New (and final) FAQ location

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 22:32:14 UTC
From: Greg Williams
Topic: 11459  Message: 11461

Not trying to start a war or anything, but QSL.net wouldve given you unlimited space as long as it was being used.

I'm glad you have these pages tho. I will be using them with my new 100D

Greg Williams
K4HSM

----- Original Message -----
From: "lee810" <>
To: <FT100@yahoogroups.com>
Sent: Saturday, January 05, 2002 5:27 PM
Subject: [FT100] New (and final) FAQ location

When I first started keeping the FAQ a few years ago, it was small and had only a few images. Over time it grew along with my personal web site so that it over flowed the 2MB limit allowed by AOL. When I got a cable modem setup, I moved it to @home which allowed a whopping 10MB limit but I soon outgrew that and had to start splitting it up again which is a pain since you have to make absolute links to various parts of it and you can easily break a link if you're not paying attention. @Home wasn't the best hosting service, since that wasn't how they made money and they would frequently drop users who were downloading large images, such as the ones we have on the mods and ATAS pages. It was really frustrating to hear from about the problems some of you had with those images.

@home went bankrupt about a month ago and so I had to move it again, borrowing some space from a friend. I did get an AT&T connection cable connection along with some web space to replace @home, but I've learned my lesson that ISPs don't like to host websites because it's a headache and they make no money from it. So I went out and got a domain name. That's right, you won't have to go looking around again if my host goes belly up or becomes incompetent about hosting because I can move it without changing its URL. So here is the new and hopefully last location you'll have to bookmark for the FT100 FAQ:

http://www.k0lee.com/ft100faq.html

That should make things easier in the future...

73,

Lee, K0LEE

http://k0lee.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11462. Logging software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 23:00:52 UTC
From: Greg Williams
Topic: 11462  Message: 11462

Scanning thru the FAQs on k0lee.com, I came across the logging software page and was curious to get opinions from whoever as to what the best logging software is thats out there.

I'm getting a laptop and plan to use the rig for FD and for other contests and want to know what is the best logging software that you have used.

Freeware/shareware/anyware.

Greg Williams
K4HSM

# 11463. High SWR Icon and low power on 40M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-05 23:17:39 UTC
From: barry_zoll
Topic: 11463  Message: 11463

Good Day!

I noticed from 7.225-7.230, that the SWRX icon shows up while transmitting even though my esternal swr meter shows 1.1:1 and the power meter on the radio reads 40 watts. The icon goes away up the rest of the band but the output doesn't reach 100watts until I get to 7.270. Using 40M Ham stick. Radio and 3 magnet mag mount are grounded to the frame of the truck. No problem on other bands. Unit serial # 1H series and was purchased in 10/01.

Any thoughts? 73 de N1toq

# 11464. Re: [FT100] New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 01:00:11 UTC
From: Clay Melhorn
Topic: 11447  Message: 11464

Hi Kevin,
Congrats on getting ready to take your first license exam.
It's a wonderful hobby to be involved in. Been hamming 29 years now since a teen.
Whatever you decide, my advice to you and any newcomer is to not mess with handy talkies at first.
They're really not what they're cracked up to be.
Particularly if you're in a rural area away from repeaters, as well as other reasons such as batteries, etc.

The FT-100d is an excellent choice. The Cadillac of HF mobile rigs indeed.
The DSP is one feature alone that makes it the only logical choice for HF mobile use...
Top that with 2 meter, 440 mhz and 6 meters, what more can you ask for???

73' and good luck in your quest for that coveted ham license.

Clay N9IO
Bonfield, Illinois

kentonham wrote:

> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
> It's obviously lots more money, but I figure that why be unhappy with
> a low power HT and not hit the repeaters when you can have the whole
> shebang!
>
> Comments anyone?
>
> Kevin
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.roxyrox.org/k0lee/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11465. Re: [FT100] Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 03:09:06 UTC
From: Paul Manuel
Topic: 11447  Message: 11465

> DX means different things to different people and is highly dependant on

> license class. If your class will be technician, then mobile DX will
> probably mean I hit some repeater 75 miles away with the occasional
> band opening of 300 to 400 miles on FM.
You are overlooking the possibility of working SSB/CW on 6, 2, and 440 as a Technician. Lots of DX has been possible lately on 6, and of course you can often work a couple hundred miles on 2 meters, even with the usual cross-polarization, when the home station has a good antenna. And limited satellite work is possible, too.

Although I am an Extra class ham, I enjoy mobile 6m and 2m SSB and even CW from time to time!
So, yes, you'll be in "Ham Heaven" with the FT-100 and the one hour rural drive with a high class license, but there's a lot of possibility for Techs, too.
73,
Paul K4PDM
>

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11466. BAD FT-100(?)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 03:14:52 UTC
From: kb3bmt
Topic: 11466  Message: 11466

My new-to-me FT-100 seems to be suffering from several common problems. 1) High SWR icon. Intermittently on 20 Meters. Using a Hamstick and 100 watts. The meter says less than 1.2 to 1 in the area I work (around 14.330) antenna is OK. Tried a friend's rig with no problem 2) Sometimes no TX output. Can't figure this one. Also intermittent. Maybe tied to the SWR Icon. Icon not on when suffers power loss. ALC meter also shows nothing when there is no Xmit power. (nothing from the mic?) 3) Low audio output. External speaker helped some. Maybe an amplified speaker? 4) Reports from other stations of RF on my SSB signal. Went through all the menus and reset everything to default values. Reduced mic gain to 35-40. SWR is fine. Feed line is great. Nothing seems to work.

Do I have a lemon or what? Candidate for the Yaesu hospital or worse?

Any help or suggestions would be appreciated.

Jim, KB3BMT

# 11467. Re: [FT100] Logging software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 03:37:46 UTC
From: signup
Topic: 11462  Message: 11467

Although, this might be a little off topic for this group, I use N1MMlogger .. it is a free contest logging program. Email me direct and I'll give you information.

/lee - kr5f
Have we Qso'd - Find out at www.kr5f.com

----- Original Message -----
From: Greg Williams
To: FT100@yahoogroups.com
Sent: January 05, 2002 23:00
Subject: [FT100] Logging software

Scanning thru the FAQs on k0lee.com, I came across the logging software page and was curious to get opinions from whoever as to what the best logging software is thats out there.

I'm getting a laptop and plan to use the rig for FD and for other contests and want to know what is the best logging software that you have used.

Freeware/shareware/anyware.

Greg Williams
K4HSM

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 11468. Re: [FT100] BAD FT-100(?)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 14:26:52 UTC
From: n4xeo
Topic: 11466  Message: 11468

At 03:14 AM 1/6/2002 +0000, you wrote:
>My new-to-me FT-100 seems to be suffering from several common
>problems. 1) High SWR icon. Intermittently on 20 Meters. Using a
>Hamstick and 100 watts. The meter says less than 1.2 to 1 in the
>area I work (around 14.330) antenna is OK. Tried a friend's rig with
>no problem 2) Sometimes no TX output. Can't figure this one. Also
>intermittent. Maybe tied to the SWR Icon. Icon not on when suffers
>power loss. ALC meter also shows nothing when there is no Xmit
>power. (nothing from the mic?) 3) Low audio output. External
>speaker helped some. Maybe an amplified speaker? 4) Reports from
>other stations of RF on my SSB signal. Went through all the menus
>and reset everything to default values. Reduced mic gain to 35-40.
>SWR is fine. Feed line is great. Nothing seems to work.
>
>Do I have a lemon or what? Candidate for the Yaesu hospital or worse?
>
>Any help or suggestions would be appreciated.
>
>Jim, KB3BMT

Hi Jim

If the swr mod hasn't been done, you NEED to do it. Also the fan mod. This might take care of your problem.

The other thing is how well do you have it grounded? If you don't have the radio VERY well grounded then you are asking for problems. Make sure you have all parts of your car grounded. The other thing is to make sure you have both power leads going direct to the battery. When you operate, make sure you have the engine running. The radio wants 13.8 volts. What you are being told is rf on your signal could be low voltage.

I hope this helps out.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 11469. 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 15:39:48 UTC
From: andy
Topic: 11469  Message: 11469

Is there a mod to enable transmit on the UK 4m allocation with an early
FT100 (9EOxxxx serial number)?
The freeband mod doesn't seem to address this.

Thanks for your help.

Andy.

# 11470. Re: New Ham

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 15:30:40 UTC
From: John
Topic: 11470  Message: 11470

I wish you the best of luck on passing your ham exams. I passed my novice test 48 years ago next month!
My first mobile installation was in 1955 using PE 103 dynamotor and command (WWII surplus) sets for rx and tx.
The FT-100 is an ideal transceiver for mobile and easy to operate while driving (very carefully of course) on HF as well as VHF/UHF. I first bought my FT-100 for mobile use in the car and liked it so much I bought another one for my base station and set them up identical.
I also have a Yaesu VX-5 HT which is a great HT with lots of features in a very small package.
To answer your question, and it appears you have answered it yourself, go with the FT-100D a truly great rig and then get the HT later. You will probably get a lot of use for them both as you get into amateur radio.
73's John

[Non-text portions of this message have been removed]

# 11471. Re: Logging software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 17:07:07 UTC
From: kg4fet
Topic: 11462  Message: 11471

--- In FT100@y..., "Greg Williams" <k4hsm@k...> wrote:
> Scanning thru the FAQs on k0lee.com, I came across the logging
software page
> and was curious to get opinions from whoever as to what the best
logging
> software is thats out there.
>
> I'm getting a laptop and plan to use the rig for FD and for other
contests
> and want to know what is the best logging software that you have
used.
>
> Freeware/shareware/anyware.
>
> Greg Williams
> K4HSM

Greg,
I use WinLog32 here. Tracks all of the awards including VUCC, easy to use, will work automatic with several call books on CD rom, AND the frreware version is fully functional although if registerd (10.00 US I think) you get a really nice set of maps the track beam heading ect...You can download it from www.winlog.co.uk. I have seyyled down with this one for HF contesting, casual logging, and most of my U/VHF logging to track grid squares. I use another program for VHF contesting logging. Give me shout in email I will be happy to answer any questions you like
73 and al the best
DE KG4FET Sandor Proud owner of the FT 100 and ATAS 100

# 11472. Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 17:41:36 UTC
From: kg4fet
Topic: 11469  Message: 11472

--- In FT100@y..., "andy" <musica@u...> wrote:
>
>
> Is there a mod to enable transmit on the UK 4m allocation with an
early
> FT100 (9EOxxxx serial number)?
> The freeband mod doesn't seem to address this.
>
> Thanks for your help.
>
> Andy.

Andy,
To get to the 4 mtr band (75 MHz) you might have to change the
DESTINA V/U F MENU 58 to EU. When you do this it will wipe the
memories. In order to change the destination change F58 to EU and I
think then you will have to to a reset as well. The RX on the FT 100
is pretty good in 75 Mhz. I would not open it up unlees you plan to
be in Europe as this will change the band edge limits to ITU zone 1
rather then ITU zone 2. I am assuming that you are a US ham mind
you since you did not include your call in your posting.
73 and all the best
de KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 11473. RE: [FT100] Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 18:50:26 UTC
From: Luc
Topic: 11469  Message: 11473

Hi, Andy.

So fare I know there is no way to transmit on 4m with the FT100. Even not when switched to UK.
I checked all positions from EU1-EU4 AU and JA.
The ft100 does not transmit on 4m.

The only rig who transmit on 4 m it the ft 847.
See you - Luc - LX1IQ

[Non-text portions of this message have been removed]

# 11474. Sequential Memories

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 22:59:03 UTC
From: Russ Thompson
Topic: 11474  Message: 11474

Congratulations, Kevin, or getting your ticket. Ham Radio is greatl

I suggest you NOT program the band edges in sequential memories. I skip four of five memories between the band edges. The FT-100D has an option to skip blank memories when scrolling through the memories. When I programmed my radio, I left several blank memories between each of the bands. That way, when I need to add a favorite frequency for a net, I can add that to my memories in the proper location. Makes working with memories a breeze.

73, DE KX5G
Russ Thompson

# 11475. Re: [FT100] Logging software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 23:29:28 UTC
From: ad6ez@aol.com
Topic: 11462  Message: 11475

Greg - I use LOG-eqf by Tom N3EQF. I use for most contests as well as my everyday station log. He is FB OM to do business and gives quick and useful tech support if you should ever need it. His email address is: n3eqf@... You can download a trial version off his website at: Home (http://www.eqf-software.com/) (http://www.eqf-software.com/) I just upgraded to the 32-Bit version and it runs great on my 166 Pentium as well as my laptop. 73 es God Bless de Denny AD6EZ <>< Goleta, CA [Non-text portions of this message have been removed]

# 11476. Re: [FT100] Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 19:12:53 UTC
From: Paul Manuel
Topic: 11447  Message: 11476

> If you use a remote automatic tuner
> (LDG makes a reasonably priced 80-6 meter tuner), you
> can use a 102" whip and get a wide range of coverage
> also.

Don't feel like you have to use a autotuner. My $50 (used) MFJ manual tuner allows me to use 20 thru 6 with the 102 inch whip, and all I have to do is remember the settings on the knobs. I don't use a separation kit, either; my whole rig sits on top of my car stereo in my console.

73,
Paul K4PDM

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11477. Re: [FT100] New (and final) FAQ location

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 22:37:49 UTC
From: John Spiceman
Topic: 11459  Message: 11477

Lee,
Thanks from a very gratefull new user of an FT100.
Without your files, #1 I probably would have
mistakenly bought an IC706 and #2 have enjoyed what
this great xcvr can actually do.

73's

John - WB0RLD

--- lee810 <lee810@...> wrote:
> When I first started keeping the FAQ a few years
> ago, it was small
> and had only a few images. Over time it grew along
> with my personal
> web site so that it over flowed the 2MB limit
> allowed by AOL. When I
> got a cable modem setup, I moved it to @home which
> allowed a whopping
> 10MB limit but I soon outgrew that and had to start
> splitting it up
> again which is a pain since you have to make
> absolute links to
> various parts of it and you can easily break a link
> if you're not
> paying attention. @Home wasn't the best hosting
> service, since that
> wasn't how they made money and they would frequently
> drop users who
> were downloading large images, such as the ones we
> have on the mods
> and ATAS pages. It was really frustrating to hear
> from about the
> problems some of you had with those images.
>
> @home went bankrupt about a month ago and so I had
> to move it again,
> borrowing some space from a friend. I did get an
> AT&T connection
> cable connection along with some web space to
> replace @home, but I've
> learned my lesson that ISPs don't like to host
> websites because it's
> a headache and they make no money from it. So I
> went out and got a
> domain name. That's right, you won't have to go

> looking around again
> if my host goes belly up or becomes incompetent
> about hosting because
> I can move it without changing its URL. So here is
> the new and
> hopefully last location you'll have to bookmark for
> the FT100 FAQ:
>
> http://www.k0lee.com/ft100faq.html
>
> That should make things easier in the future...
>
> 73,
>
> Lee, K0LEE
>
> http://k0lee.com
>
>

---
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11478. Re: [FT100] Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 18:52:42 UTC
From: Richard H. Misener (N7JPO)
Topic: 11469  Message: 11478

Well, his return email address is in the UK, so I would think that he would want the EU version. If he bought the radio over there it should be the EU version. Check the 'hidden' menu at the F58 location to see which version you have. See FAQ

http://www.k0lee.com/ft100faq.html

for details.

Dick N7JPO

----- Original Message -----
From: "kg4fet" <kg4fet@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 06, 2002 9:41 AM
Subject: [FT100] Re: 4m mod?

> --- In FT100@y..., "andy" <musica@u...> wrote:
> >
> >
> > Is there a mod to enable transmit on the UK 4m allocation with an
> early
> > FT100 (9EOxxxx serial number)?
> > The freeband mod doesn't seem to address this.
> >
> > Thanks for your help.
> >
> > Andy.
>
> Andy,
> To get to the 4 mtr band (75 MHz) you might have to change the
> DESTINA V/U F MENU 58 to EU. When you do this it will wipe the
> memories. In order to change the destination change F58 to EU and I
> think then you will have to to a reset as well. The RX on the FT 100
> is pretty good in 75 Mhz. I would not open it up unlees you plan to
> be in Europe as this will change the band edge limits to ITU zone 1
> rather then ITU zone 2. I am assuming that you are a US ham mind
> you since you did not include your call in your posting.
> 73 and all the best
> de KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com

> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 11479. updated catsPaw FT100 control program beta 0.91

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-06 23:46:55 UTC
From: jordan0129
Topic: 11479  Message: 11479

Sorry for the long absence. been busy with the holidays.

just uploaded the latest CatsPaw beta 0.91 program.

new features include :

1. SWR Plot
2. Activity Scan
3. frequency scroll bar

the SWR plot and Activity scan has not been fully debugged yet, and
may have bugs. also not all the features have been implemented yet as
you can see with the graph with is rather 'elementary'.

i welcome all comments and suggestions on how to improve these
features and the program overall.

i won't have my computer for a couple of weeks starting jan 15, so
bear with me. i won't be able to post any new fixes or answer any
emails, but should be able to get a newer computer by feb 1.

file name is catspaw091.zip in the files section.
this beta will expire on 02/28/2002. by then i'll have another
version with fixed bugs and more features.

73's

N2OHZ

# 11480. Re: Sequential Memories

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 03:22:02 UTC
From: k6rcx
Topic: 11474  Message: 11480

Hi, I think the point they were trying to make about memory on the FT100 got missed. There are several types with differant uses. If you use the "PGM" memory you can use it to limit the tuning range of the FT. By putting in the band edges for your license and mode you can tune or scan a band while moble with out having to look at the dial. It works great and you stay in-band. All it takes is a turn and push on the select knob. For favorite channel freq's use the "MG" mem.

73 Erwin K6RCX

a --- In FT100@y..., "Russ Thompson" <russthom@a...> wrote:
> Congratulations, Kevin, or getting your ticket. Ham Radio is greatl
>
> I suggest you NOT program the band edges in sequential memories. I skip
> four of five memories between the band edges. The FT-100D has an option to
> skip blank memories when scrolling through the memories. When I programmed
> my radio, I left several blank memories between each of the bands. That
> way, when I need to add a favorite frequency for a net, I can add that to my
> memories in the proper location. Makes working with memories a breeze.
>
> 73, DE KX5G
> Russ Thompson

# 11481. Recieve Audio has dropped to almost nothing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 16:11:30 UTC
From: Alvin M. Norris
Topic: 11481  Message: 11481

I was using my ft100 this weekend. I had programmed some new memories and set some parameters. I noticed that the audio had all but dissapeared. This seems to be on all modes and bands.

# 11482. RE: [FT100] Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 16:19:17 UTC
From: Luc
Topic: 11469  Message: 11482

Hi,
Well you are right , but even switching to EU version the FT100 will not transmit on 4m.

See you Luc -LX1IQ-
-----Original Message-----
From: Richard H. Misener (N7JPO) [mailto:rich@...]
Sent: 06 January, 2002 19:53
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: 4m mod?

Well, his return email address is in the UK, so I would think that he would
want the EU version. If he bought the radio over there it should be the EU
version. Check the 'hidden' menu at the F58 location to see which version
you have. See FAQ

http://www.k0lee.com/ft100faq.html

for details.

Dick N7JPO

[Non-text portions of this message have been removed]

# 11483. Re: High SWR Icon and low power on 40M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 21:07:21 UTC
From: backhoefade
Topic: 11463  Message: 11483

It sounds like the often seen spurious oscillation problem.
Most often it happens on 24 MHz and 28 MHz. The oscillation is at about 13.65 MHz and 2x and 3x that frequency. I have seen it with a spectrum analyzer. The reason you see the high SWR icon is because there really is a poor SWR at those frequencies since your antenna is resonant only around the desired transmit frequency. Funny thing I found was that the oscillation would stop when I lifted up the back portion of the chassis top cover slightly. But the final remedy was implemented in Cerritos by the Yaesu service center. They add some internal ground straps that cure it. If you want to do it yourself there are photos of the modification at this website. If you decide to send it in you should also ask for the "VHF/UHF fan mod" at the same time. I believe Yaesu may be doing those repairs for no charge even if it's beyond the 1 year warranty but they will charge you $75 for a re-alignment fee plus you have to pay postage each way. You have to check with them for their current policy. Be ready to part with the rig for quite a few weeks unfortunately. When you get it back you will have a perfectly running rig though. Don't spend a lot of time playing around with external grounding, ferrite chokes, etc. as you will find that the only sure cure is the internal grounding straps. Many of us have gone through that frustrating lesson.
Good luck es 73's N6AF Charles

--- In FT100@y..., "barry_zoll" <barry_zoll@y...> wrote:
> Good Day!
>
> I noticed from 7.225-7.230, that the SWRX icon shows up while
> transmitting even though my esternal swr meter shows 1.1:1 and the
> power meter on the radio reads 40 watts. The icon goes away up the
> rest of the band but the output doesn't reach 100watts until I get
to
> 7.270. Using 40M Ham stick. Radio and 3 magnet mag mount are
> grounded to the frame of the truck. No problem on other bands.
Unit
> serial # 1H series and was purchased in 10/01.
>
> Any thoughts? 73 de N1toq

# 11484. Re: High SWR Icon and low power on 40M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 21:10:43 UTC
From: backhoefade
Topic: 11463  Message: 11484

You should probably confirm the spurious oscillation is present. Do
you have access to a spectrum analyzer?
Also, you can try the rig into a good dummy load. If you still have
that erratic behavior you can be about 99% sure it's the spurious
oscillation problem.

--- In FT100@y..., "barry_zoll" <barry_zoll@y...> wrote:
> Good Day!
>
> I noticed from 7.225-7.230, that the SWRX icon shows up while
> transmitting even though my esternal swr meter shows 1.1:1 and the
> power meter on the radio reads 40 watts. The icon goes away up the
> rest of the band but the output doesn't reach 100watts until I get
to
> 7.270. Using 40M Ham stick. Radio and 3 magnet mag mount are
> grounded to the frame of the truck. No problem on other bands.
Unit
> serial # 1H series and was purchased in 10/01.
>
> Any thoughts? 73 de N1toq

# 11485. The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 22:03:04 UTC
From: John McClain
Topic: 11485  Message: 11485

I have no doubt that all of you are sitting on the edge of chairs waiting to hear about the outcome of my SWR problem. It has been a couple of weeks so to bring you up to date, you will recall that I installed a brand new FT-100D, s/n 0D..... (built almost 2 years ago) in my F150 pickup and I became frustrated over not being able to get rid of the SWR problem that I was experiencing on 10 and 12 meters while using an ASTA-100 antenna. After reading this group and getting recommendations from several of you, I called the place where I purchased the radio and had several long talks with them. They were understanding and gave me no trouble. I have sent the rig back and it should arrive there today or tomorrow and they will be sending me a new one with a later serial number. I have requested that they verify that the SWR mod is already installed because, if it isn't, I will be returning the radio for a refund. Since purchasing it, I have found another store that will guarantee me that they will send me a rig that is already modified.

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11486. AM Filter Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 18:44:28 UTC
From: dabon8r
Topic: 11486  Message: 11486

I just completed the grueling AM filter installation with a huge sigh of relief that my radio still turned on after I got the screws back in. I fired it up, but after re-setting the filter submenu to reflect the existance of the new 6kHz filter, I appear to have done something wrong.

I installed the filter per the directions in the Yaesu manual. I got all the cables back into place, but when I set the submenu to 6.0, the receiver becomes deaf on AM. It attenuates the signals 100+dB!

Have I missed something? Is there some undocumented procedure I need to follow to restore the filter's operation?

Has anyone else had this problem? It's pretty critical!

Thanks in advance!

David Black, KC0JB

# 11487. ClearSpeech Speaker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 13:06:04 UTC
From: James Carmody
Topic: 11215  Message: 11487

I installed mine yesterday and was amazed. On 10 and
15 you can hear another layer of stations which were
under the white noise. Buy one!
nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11488. Re: [FT100] Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 02:39:22 UTC
From: andy
Topic: 11469  Message: 11488

> From: "kg4fet" <kg4fet@...>
> --- In FT100@y..., "andy" <musica@u...> wrote:

> > Is there a mod to enable transmit on the UK 4m allocation with an
> early
> > FT100 (9EOxxxx serial number)?
> > The freeband mod doesn't seem to address this.
> > Thanks for your help.
> > Andy.

> Andy,
> To get to the 4 mtr band (75 MHz) you might have to change the
> DESTINA V/U F MENU 58 to EU. When you do this it will wipe the
> memories. In order to change the destination change F58 to EU and I
> think then you will have to to a reset as well. The RX on the FT 100
> is pretty good in 75 Mhz. I would not open it up unlees you plan to
> be in Europe as this will change the band edge limits to ITU zone 1
> rather then ITU zone 2. I am assuming that you are a US ham mind
> you since you did not include your call in your posting.

Ah, sorry about that Sandor. G8ERT is the call. I'm in the UK, I should
have said.
We have a half Meg allocation at 70MHz - a goodly chunk of which is
designated for digital modes which I've been getting interested in
lately, hence the interest in modding the FT-100.

Another posting in here suggests that there isn't a suitable setting
anyway, so I may have to mod some low-band business radio gear to do the
job.

Thanks for the reply.

Cheers.

Andy.

# 11489. Re: [FT100] Re: 4m mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 02:44:10 UTC
From: andy
Topic: 11469  Message: 11489

> From: "Luc" <iceman@...>
> Hi, Andy.
> So fare I know there is no way to transmit on 4m with the FT100. Even
> not when switched to UK.
> I checked all positions from EU1-EU4 AU and JA.
> The ft100 does not transmit on 4m.

> The only rig who transmit on 4 m it the ft 847.
> See you - Luc - LX1IQ

Many thanks for the reply Luc. I hope Yaesu will include 4m on their future "all-band" rigs It would encourage more people onto the band. As the saying goes "use it or lose it".

# 11490. First post

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 00:22:46 UTC
From: agzol@tm.net.my
Topic: 11490  Message: 11490

To All,

This is my first post to this group, and I had been playing around with this rig for about two months now.

I am very happy with it and it does everything the books said, except with one minor problem.

Until now, I cannot go to the second menu, ( hidden) No matter how I pressed the ABC button on power up, the menu never appeared.... Need help on this, or did I miss something on the procedures.

Thanks.

73s de 9W2AC Malaysia

Download NeoPlanet at http://www.neoplanet.com

# 11491. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 23:20:10 UTC
From: backhoefade
Topic: 11485  Message: 11491

Thanks for the update. My entire family including many distant relatives have been waiting to hear from you!

All kidding aside, I want to warn you that you have to be careful about what the store means when they say it's "modified". All of the units sold over the last 2 years or so come with a marginal modification for the spurious oscillation problem which is only temporary in nature if it in fact works at all. The marginal mod is an attempt to add some grounding to the inside of the rig but they do it with sticky-backed copper tape. After a few months of operation the adhesive tends to dry out, the strap loses some of its conductivity and back comes the oscillation problem. The proper modification involves installing metal grounding straps that actually get screwed into the chassis rib that runs across the middle of the unit. So that's what you need to verify is present. The other mod you want to have in there is the one that fixes the UHF/VHF fan problem. They add a thermostatically controlled switch to the PA section that will allow the fans to come on during receive operation once the temperature gets high enough. Without that mod the fans won't turn on during VHF/UHF receive except for a few seconds after transmitting. The very latest rigs might have that mod in them. I don't know. Good luck. Once you have those mods done all your frustration will be in the past and you'll be able to focus on the right thing - having fun with an excellent radio.
73's Charles N6AF

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> I have no doubt that all of you are sitting on the edge of chairs waiting to hear about the outcome of my SWR problem. It has been a couple of weeks so to bring you up to date, you will recall that I installed a brand new FT-100D, s/n 0D..... (built almost 2 years ago) in my F150 pickup and I became frustrated over not being able to get rid of the SWR problem that I was experiencing on 10 and 12 meters while using an ASTA-100 antenna. After reading this group and getting recommendations from several of you, I called the place where I purchased the radio and had several long talks with them. They were understanding and gave me no trouble. I have sent the rig back and it should arrive there today or tomorrow and they will be sending me a new one with a later serial number. I have requested that they verify that the SWR mod is already installed because, if it isn't, I will be returning the radio for a refund. Since purchasing it, I have found another store that will guarantee me that they will send me a rig that is already modified.
>
> John

> K7SVV@A...
>
>
> [Non-text portions of this message have been removed]

# 11492. Re: AM Filter Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 23:31:52 UTC
From: backhoefade
Topic: 11486  Message: 11492

Sounds to me like one of the following:

1) Confirm that you installed it in the 6 kHz slot, not the CW filter slot.
2) There is the remote possiblity that the filter is actually bad but that seems unlikely.
3) Also very unlikely, it's possible that somehow the pins didn't make contact.

I put mine in and ran into some really strange receive behavior that had me almost sick with frustration until I figured out that I had slightly pulled one of the ribbon cables out of its socket. I re-seated it and the problem dis-appeared. I don't think that's your issue since it apparently works in SSB mode.

Take some solice in the fact that you can expect fairly decent transmit audio reports once the filter's in. And you'll have a well defined receiver passband too, not the 12 kHz wide or so passband that you have in AM operation without the 6 kHz filter installed. The rig uses the broad (12 kHz 6 dB down?) LC type filter that's intended for FM receive if you don't have the 6 kHz filter in there. Read my postings about AM operation. Type F51 in the search box to find the postings. I think they're titled "AM Operation with the FT-100D".
N6AF Chas

--- In FT100@y..., "dabon8r" <dabon8r@y...> wrote:
> I just completed the grueling AM filter installation with a huge sigh
> of relief that my radio still turned on after I got the screws back
> in. I fired it up, but after re-setting the filter submenu to
> reflect the existance of the new 6kHz filter, I appear to have done
> something wrong.
>
> I installed the filter per the directions in the Yaesu manual. I got
> all the cables back into place, but when I set the submenu to 6.0,
> the receiver becomes deaf on AM. It attenuates the signals 100+dB!
>
> Have I missed something? Is there some undocumented procedure I need
> to follow to restore the filter's operation?
>
> Has anyone else had this problem? It's pretty critical!
>

> Thanks in advance!
>
> David Black, KC0JB

# 11493. Re: First post

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 23:37:08 UTC
From: backhoefade
Topic: 11490  Message: 11493

You are in for a pleasant surprise. While simultaneously holding in all three buttons (A,B and C), power up the radio. Next, when you press and hold the FUNC button to get to the menu it will just show the regular menu. But now keep scrolling past the last standard menu item (i.e. number 66 or whatever the highest number) and you will see F1 through F66 or so. That's the "hidden" menu.
N6AF Charles

--- In FT100@y..., agzol@t... wrote:
> To All,
>
> This is my first post to this group, and I had been
> playing around with this rig for about two months
> now.
>
> I am very happy with it and it does everything the
> books said, except with one minor problem.
>
> Until now, I cannot go to the second menu, ( hidden)
> No matter how I pressed the ABC button on power up,
> the menu never appeared.... Need help on this, or did
> I miss something on the procedures.
>
> Thanks.
>
> 73s de 9W2AC Malaysia
>
>
>
>
> Download NeoPlanet at http://www.neoplanet.com

# 11494. Re: ClearSpeech Speaker - 2M birdy

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-07 23:37:07 UTC
From: k6rcx
Topic: 11215  Message: 11494

Yeah they work great, just look out for the 2M birdy around 147.460MHz

--- In FT100@y..., James Carmody <carmody@l...> wrote:
> I installed mine yesterday and was amazed. On 10 and
> 15 you can hear another layer of stations which were
> under the white noise. Buy one!
> nn5o
>
> =====
> James A. Carmody, nn5o, carmody@l...
> Voice Mail: 713 446 4234; eFax: 815 461 5321
>
> _____
> Do You Yahoo!?
> Send FREE video emails in Yahoo! Mail!
> http://promo.yahoo.com/videomail/

# 11495. Re: AM Filter Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 00:14:32 UTC
From: bed143
Topic: 11486  Message: 11495

I had the exact same situation but with a filter I installed in my FT-847. After talking to George at Inrad, he quickly told me I had a short somewhere. I re-soldered to the filter making sure I was very exact and viola - sound! Sounds to me you may also have a short - as Chas indicated, perhaps a defective filter. Check all your connections. 73's Dennis

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Sounds to me like one of the following:
>
> 1) Confirm that you installed it in the 6 kHz slot, not the CW filter
> slot.
> 2) There is the remote possiblity that the filter is actually bad but
> that seems unlikely.
> 3) Also very unlikely, it's possible that somehow the pins didn't
> make contact.
>
> I put mine in and ran into some really strange receive behavior that
> had me almost sick with frustration until I figured out that I had
> slightly pulled one of the ribbon cables out of its socket. I re-
> seated it and the problem dis-appeared. I don't think that's your
> issue since it apparently works in SSB mode.
>
> Take some solice in the fact that you can expect fairly decent
> transmit audio reports once the filter's in. And you'll have a well
> defined receiver passband too, not the 12 kHz wide or so passband
> that you have in AM operation without the 6 kHz filter installed.
> The rig uses the broad (12 kHz 6 dB down?) LC type filter that's
> intended for FM receive if you don't have the 6 kHz filter in there.
> Read my postings about AM operation. Type F51 in the search box to
> find the postings. I think they're titled "AM Operation with the FT-
> 100D".
> N6AF Chas
>
> --- In FT100@y..., "dabon8r" <dabon8r@y...> wrote:
> > I just completed the grueling AM filter installation with a huge
> sigh
> > of relief that my radio still turned on after I got the screws back
> > in. I fired it up, but after re-setting the filter submenu to

> > reflect the existance of the new 6kHz filter, I appear to have
done
> > something wrong.
> >
> > I installed the filter per the directions in the Yaesu manual. I
> got
> > all the cables back into place, but when I set the submenu to
6.0,
> > the receiver becomes deaf on AM. It attenuates the signals
> 100+dB!
> >
> > Have I missed something? Is there some undocumented procedure I
> need
> > to follow to restore the filter's operation?
> >
> > Has anyone else had this problem? It's pretty critical!
> >
> > Thanks in advance!
> >
> > David Black, KC0JB

# 11496. FT 100D x FT 847

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 01:14:37 UTC
From: luiz lissoni
Topic: 11486  Message: 11496

Do you believe that with a pack of batteries I could operate the 100D like the 817 ? I believe that we could attach some antenna developed for 817 and operate QRP ? Do you could help me ? PY2MRD - Luiz --- bed143 wrote: I had the exact same situation but with a filter I installed in my FT-
847. After talking to George at Inrad, he quickly told me I had a short somewhere. I re-soldered to the filter making sure I was very exact and viola - sound! Sounds to me you may also have a short - as Chas indicated, perhaps a defective filter. Check all your connections. 73's Dennis

--- In FT100@y..., "backhoefade" wrote:
> Sounds to me like one of the following:
>
> 1) Confirm that you installed it in the 6 kHz slot, not the CW filter
> slot.
> 2) There is the remote possiblity that the filter is actually bad but
> that seems unlikely.
> 3) Also very unlikely, it's possible that somehow the pins didn't
> make contact.
>
> I put mine in and ran into some really strange receive behavior that
> had me almost sick with frustration until I figured out that I had
> slightly pulled one of the ribbon cables out of its socket. I re-
> seated it and the problem dis-appeared. I don't think that's your
> issue since it apparently works in SSB mode.
>
> Take some solice in the fact that you can expect fairly decent
> transmit audio reports once the filter's in. And you'll have a well
> defined receiver passband too, not the 12 kHz wide or so passband
> that you have in AM operation without the 6 kHz filter installed.
> The rig uses the broad (12 kHz 6 dB down?) LC type filter that's
> intended for FM receive if you don't have the 6 kHz filter in there.
> Read my postings about AM operation. Type F51 in the search box to
> find the postings. I think they're titled "AM Operation with the FT-
> 100D".
> N6AF Chas
>
> --- In FT100@y..., "dabon8r" wrote:
> > I just completed the grueling AM filter installation with a huge
> sigh

> > of relief that my radio still turned on after I got the screws
back
> > in. I fired it up, but after re-setting the filter submenu to
> > reflect the existance of the new 6kHz filter, I appear to have
done
> > something wrong.
> >
> > I installed the filter per the directions in the Yaesu manual. I
> got
> > all the cables back into place, but when I set the submenu to
6.0,
> > the receiver becomes deaf on AM. It attenuates the signals
> 100+dB!
> >
> > Have I missed something? Is there some undocumented procedure I
> need
> > to follow to restore the filter's operation?
> >
> > Has anyone else had this problem? It's pretty critical!
> >
> > Thanks in advance!
> >
> > David Black, KC0JB

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11497. Re: [FT100] Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 02:27:35 UTC
From: John Spiceman
Topic: 11439  Message: 11497

Chas,
Won't the "optimum" settings vary with everyone?
That's the main reason I forced myself to learn how to
use a scope. That way I can watch the audio and modify
the settings to get maximum output before the
distortion takes place no matter what mode I'm in.
Just my $.02 worth.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> In order to eliminate some of the mystery and
> guess-work associated
> with the FT-100D and its often-criticized transmit
> audio "quality", I
> intend to measure the effective frequency response
> from the mic input
> to the RF output. In other words I will drive the
> input with a
> sinusoid of a defined level (confirmed low enough to
> ensure no
> compression) and then measure the RF emission (a
> single sinusoidal
> side-band). I'll choose different driving
> impedances to emulate
> different mic impedances. Then at least we will
> have a clear picture
> of the overall frequency response of the
> "audio-to-RF channel" in the
> transmitter. Beyond that we are subject to
> microphone frequency
> response and interface effects (mis-match leading to
> reduced level
> and/or non-flat frequency response). Viewing the
> basic response will
> be a good starting point.
> N6AF Chas
>
>

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# 11498. Main knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 02:55:55 UTC
From: ke5wj
Topic: 11498  Message: 11498

Has anyone had a problem with the main tuning knob? The knob on my FT-100D is loose and appears to be getting looser, although it still works fine. I pulled the front panel off and looked inside and the entire optical unit is loose. I'd like to fix this before it falls off. Any ideas?

Also, I've noticed that the right side of the rig gets pretty hot to the touch after operating a while on HF. The rig's fine and works flawlessly so far. Is that amount of heat normal?

I'd prefer to check these things out before they give me any problems since I'm operating from YV-land and sending the thing in for repair would not be a pleasant option.

Thanks in advance for any help.

73,

Walt KE5WJ

# 11499. Re: ATAS-100 6meter ops

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 05:59:26 UTC
From: cat100bob
Topic: 11414  Message: 11499

Does it not move at all, or are you getting a high SWR on 6M?

Occasionally the FT100 forgets where it last parked the antenna. You can force it to move by keying the radio and quickly pressing the up or down buttons to move it in the direction that you wish (I assume that if you're coming from 10M, you're going to want it to go down). Continue to hold the button down and you should see the 'Tune' icon appear, and the antenna start to move.

Once the antenna is tuned properly, it will probably be OK the next time you tell it to tune to 6M.

Bob

--- In FT100@y..., louis d'aria <awalkintheparkproduction@y...> wrote:
>
> Ft100 working great on 10 meters after factory mods.
> However, now I can't seem to get it to tune on 6
> meters.
> Any ideas? (atas 100 ant)
>
> --... ...--'s wa6kja@a...
>
>
>
>
> _____
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> http://greetings.yahoo.com

# 11500. Re: FT 100D x FT 847

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 06:18:30 UTC
From: cat100bob
Topic: 11486  Message: 11500

Luiz, Visit my web site: http://b.hillard.home.att.net/ and go to my ham radio station section and you'll see my Backpack FT100. I use a small sealed lead acid battery for power, and have a MFJ tuner built in to the backpack. I use a 'wall wart' transformer with a regulator for charging the battery after use. Be sure to reduce the display brightness on the radio to reduce the power consumption on receive. The radio draws 1 amp on receive with the display brightness at max. Reducing the brightness brings the receive power consumption down by a few hundred milliamps (I don't remember the actual reduction, but it's significant). The new Joey antenna by 'Outbacker' would probably work FB with this setup. I've used the Outbacker Perth on a ground coupled antenna mount with this setup, as well as a random lengh wire antenna. Good Luck, Bob --- In FT100@y..., luiz lissoni wrote: > Do you believe that with a pack of batteries I could > operate the 100D like the 817 ? I believe that we > could attach some antenna developed for 817 and > operate QRP ? > > Do you could help me ? > > PY2MRD - Luiz > --- bed143 wrote: > > > > > > > I had the exact same situation but with a filter I > installed in my FT-
> 847. After talking to George at Inrad, he > quickly told me I had a
> short somewhere. I re-soldered to the filter > making sure I was very
> exact and viola - sound! Sounds to me you may also > have a short - as
> Chas indicated, perhaps a defective filter. > Check all your
> connections. 73's Dennis
>
> --- In FT100@y..., "backhoefade" > cgarner@h... wrote:
> > Sounds to me like one of the following:
> >
> > 1) Confirm that you installed it in the 6 kHz > slot, not the CW
> filter
> > slot.
> > 2) There is the remote possiblity that the filter > is actually bad
> but
> > that seems unlikely.
> > 3) Also very unlikely, it's possible that somehow > the pins didn't
> > make contact.
> >
> > I put mine in and ran into some really strange > receive behavior
> that
> > had me almost sick with frustration until I > figured out that I had
> > slightly pulled one of the ribbon cables out of > its socket. I re-
> > seated it and the problem dis-appeared. I > don't think that's your
> > issue since it apparently works in SSB mode.
> >
> > Take some solice in the fact that you can expect > fairly decent
> > transmit audio reports once the filter's > in. And you'll have a
> well
> > defined receiver passband too, not the 12 kHz > wide or so passband
> > that you have in AM operation without the 6 kHz > filter installed.
> > The rig uses the broad (12 kHz 6 dB down?) LC > type filter that's

> > intended for FM receive if you don't have the 6 > kHz filter in there.
> > Read my postings about AM operation. Type > F51 in the search box to
> > find the postings. I think they're titled > "AM Operation with the
> FT-
> > 100D".
> > N6AF Chas
> >
> > --- In FT100@y..., "dabon8r" > dabon8r@y... wrote:
> > > I just completed the grueling AM filter > installation with a huge
> > sigh
> > > of relief that my radio still turned on > after I got the screws
> back
> > > in. I fired it up, but after > re-setting the filter submenu to
> > > reflect the existance of the new 6kHz > filter, I appear to have
> done
> > > something wrong.
> > >
> > > I installed the filter per the directions in > the Yaesu manual. I
> > got
> > > all the cables back into place, but when I > set the submenu to
> 6.0,
> > > the receiver becomes deaf on AM. It > attenuates the signals
> > 100+dB!
> > >
> > > Have I missed something? Is there some > undocumented procedure I
> > need
> > > to follow to restore the filter's > operation?
> > >
> > > Has anyone else had this problem? It's > pretty critical!
> > >
> > > Thanks in advance!
> > >
> > > David Black, KC0JB
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A=847665/R=2" > alt="" width="300" height="250" > border="0">

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3108:HM/A=847665/rand=330137672">
>
> > > > >
> > Post > message: > FT100@y...
> Subscribe: > FT100-subscribe@y...
> Unsubscribe: > FT100-unsubscribe@y...
> List > owner: > FT100-owner@y...
> FAQ on > WWW: >
href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100faq.html
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# 11501. Re: FT 100D x FT 847

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 07:31:52 UTC
From: backhoefade
Topic: 11486  Message: 11501

No chance because just the receive draws more than an amp and when transmitting even at low power it draws several amps. I have a DC power extension cable that allows me to connect to my power connector in my car and operate next to the parked vehicle such as on a picnic table. That's about as portable as you're going to get with the 100D. You might consider buying an 817 or a K2 for true portable op. --- In FT100@y..., luiz lissoni wrote: > Do you believe that with a pack of batteries I could > operate the 100D like the 817 ? I believe that we > could attach some antenna developed for 817 and > operate QRP ? > > Do you could help me ? > > PY2MRD - Luiz > --- bed143 wrote: > > > > > > > I had the exact same situation but with a filter I > installed in my FT-
> 847. After talking to George at Inrad, he > quickly told me I had a
> short somewhere. I re-soldered to the filter > making sure I was very
> exact and viola - sound! Sounds to me you may also > have a short - as
> Chas indicated, perhaps a defective filter. > Check all your
> connections. 73's Dennis
>
> --- In FT100@y..., "backhoefade" > cgarner@h... wrote:
> > Sounds to me like one of the following:
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> > slot.
> > 2) There is the remote possiblity that the filter > is actually bad
> but
> > that seems unlikely.
> > 3) Also very unlikely, it's possible that somehow > the pins didn't
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> >
> > I put mine in and ran into some really strange > receive behavior
> that
> > had me almost sick with frustration until I > figured out that I had
> > slightly pulled one of the ribbon cables out of > its socket. I re-
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> > issue since it apparently works in SSB mode.
> >
> > Take some solice in the fact that you can expect > fairly decent
> > transmit audio reports once the filter's > in. And you'll have a
> well
> > defined receiver passband too, not the 12 kHz > wide or so passband
> > that you have in AM operation without the 6 kHz > filter installed.
> > The rig uses the broad (12 kHz 6 dB down?) LC > type filter that's
> > intended for FM receive if you don't have the 6 > kHz filter in there.
> > Read my postings about AM operation. Type > F51 in the search box to
> > find the postings. I think they're titled > "AM Operation with the
> FT-
> > 100D".

> > N6AF Chas
> >
> > --- In FT100@y..., "dabon8r" > dabon8r@y... wrote:
> > > I just completed the grueling AM filter > installation with a huge
> > sigh
> > > of relief that my radio still turned on > after I got the screws
> back
> > > in. I fired it up, but after > re-setting the filter submenu to
> > > reflect the existance of the new 6kHz > filter, I appear to have
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> > > something wrong.
> > >
> > > I installed the filter per the directions in > the Yaesu manual. I
> > got
> > > all the cables back into place, but when I > set the submenu to
> 6.0,
> > > the receiver becomes deaf on AM. It > attenuates the signals
> > 100+dB!
> > >
> > > Have I missed something? Is there some > undocumented procedure I
> > need
> > > to follow to restore the filter's > operation?
> > >
> > > Has anyone else had this problem? It's > pretty critical!
> > >
> > > Thanks in advance!
> > >
> > > David Black, KC0JB
>
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3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=84766 5/R=1" >
src="http://ads.x10.com/?Z3lhaG9vbW9uc3RlcjcuZGF0=1010451651%
3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=84766 5/R=2" > alt=""
width="300" height="250" > border="0">
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=egroupmail/S=1705063108:HM/A=847665/rand=330137672">

>
> > > > >
> > Post > message: > FT100@y...
> Subscribe: > FT100-subscribe@y...
> Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> List > owner: &nbs p; > FT100-owner@y...
> FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa
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# 11502. Re: Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 07:41:34 UTC
From: backhoefade
Topic: 11439  Message: 11502

Yes - a scope is a great way to check for compression. But I'm talking about frequency response which is difficult to view with a scope. Come to think of it you could use a scope to look at the envelope magnitude as the test signal is swept. You could find the 3 dB down corners and see the ripple in the passband. You're right about the unique "best" response for each operator's voice. "Best" audio is in the ear of the beholder.
N6AF Chas

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> Won't the "optimum" settings vary with everyone?
> That's the main reason I forced myself to learn how to
> use a scope. That way I can watch the audio and modify
> the settings to get maximum output before the
> distortion takes place no matter what mode I'm in.
> Just my $.02 worth.
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:
> > In order to eliminate some of the mystery and
> > guess-work associated
> > with the FT-100D and its often-criticized transmit
> > audio "quality", I
> > intend to measure the effective frequency response
> > from the mic input
> > to the RF output. In other words I will drive the
> > input with a
> > sinusoid of a defined level (confirmed low enough to
> > ensure no
> > compression) and then measure the RF emission (a
> > single sinusoidal
> > side-band). I'll choose different driving
> > impedances to emulate
> > different mic impedances. Then at least we will
> > have a clear picture
> > of the overall frequency response of the
> > "audio-to-RF channel" in the
> > transmitter. Beyond that we are subject to
> > microphone frequency
> > response and interface effects (mis-match leading to
> > reduced level
> > and/or non-flat frequency response). Viewing the
> > basic response will

> > be a good starting point.
> > N6AF Chas
> >
> >
>
>
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# 11503. Re: Main knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 07:45:05 UTC
From: backhoefade
Topic: 11498  Message: 11503

You need the "VHF/UHF fan mod" to allow the fans to function during
extended periods of receive.

--- In FT100@y..., "ke5wj" <wfair@c...> wrote:
> Has anyone had a problem with the main tuning knob? The knob on my
FT-
> 100D is loose and appears to be getting looser, although it still
> works fine. I pulled the front panel off and looked inside and the
> entire optical unit is loose. I'd like to fix this before it falls
> off. Any ideas?
>
> Also, I've noticed that the right side of the rig gets pretty hot
to
> the touch after operating a while on HF. The rig's fine and works
> flawlessly so far. Is that amount of heat normal?
>
> I'd prefer to check these things out before they give me any
problems
> since I'm operating from YV-land and sending the thing in for
repair
> would not be a pleasant option.
>
> Thanks in advance for any help.
>
> 73,
>
> Walt KE5WJ

# 11504. Re: [FT100] Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 04:25:09 UTC
From: Glen Farough
Topic: 11439  Message: 11504

Thankyou, these changes from defaults as described
below have fixed up the tx audio on my ft-100d
with the stock mic.
One further comment...Speak in a normal 70 db voice
level across the mic. Do not overdrive the mic...
I listened to my rig on another receiver following
these adjustments and speaking quitely into the mic
an wow! "Sounds just like those old FT-102's with the
3 6146's and the broadcast quality audio!"
Thankyou for your time N4XEO
de Glen VE7LGF...
--- n4xeo <n4xeo@...> wrote:
> At 06:19 PM 1/4/2002 -0800, you wrote:
>
> Major snip!!
>
>
>
> >The only thing I can think of is that the RF is
> >getting back into the mic during transmit and
> causing
> >some kind of distortion. It's not apparent what
> kind
> >of distortion is being caused because there is no
> >quantitative way to explain how the audio is
> >distorted. So I think that putting a pure sine
> wave
> >into the mic would be the first step in finding out
> >what's happening. However, if the rig already has
> >good audio, then it may not yield any results that
> >would help us to understand what is wrong with the
> >rigs that have the 'poor audio' issue.
> >
> >These are easy experiments to try and might help
> >isolate the issue for those who have the problem.
> >
> >73,
> >
> >Lee, K0LEE
>
>
> Hi Lee and the rest of the group.
>
> I think that the biggest problem is the supply
> power. If the radio ISN'T

> running at 13.8 volts, then this is a VERY good
> place to have the audio
> messed up. A good test of this is turn your engine
> off while talking to
> some one and ask them what your audio sounds like.
> This might take about 15
> minutes before the audio starts to go. You have to
> wait for the battery to
> loose it's float charge. The radio is DESIGNED to
> run at 13.8. Any less and
> you are taking a chance to have problems.
>
> The other thing that people do is run the mic
> setting WAY too high. I run
> my mic gain (menu 25) at 40 and this was checked on
> a service monitor to be
> about the best setting for it. Most everyone in my
> area is using the same
> settings with VERY good audio results. menu 26 is
> set to 45 and that is
> even a bit hot when the windows are open. I do not
> need to use the comp and
> that is something else that I have not seen people
> say. We would need to
> know what their settings are and what they are using
> for supply voltage.
>
> When people say they are having a problem, they need
> to give us some menu
> settings so they can be looked at. I will put my
> settings that I use for
> audio in this message for all to look at and try.
>
> MENU:
> 25, 40
> 26, 45
> 27, 40
> 33, 5
> 62, +050
> 63, +050
> 64, -200
> 65, -200
>
> These settings were done by a friend of mine on a
> service monitor after
> MANY hours of playing to get the best sound that he
> could get out of the
> radio. His voice has a higher tone than mine and the
> same settings work for
> both of us and many others in my area. Please look

> at your settings and
> give these a try and see if it makes a difference.
>
> The other thing, like I said before is the voltage.
> The radio wants 13.8
> volts (this was also looked at with higher and lower
> voltages). Make sure
> that you are running both the positive and negative
> leads direct to the
> battery and that you have the radio WELL grounded.
>
>
> Well this is enough for now.
> If anyone would like a copy of exactly what my
> settings are, I would be
> more than happy to post them here for all to play
> with.
>
>
>
>
> 73, Bill N4XEO
>
> E- Mail mailto: n4xeo@...
> home page: http://www.qsl.net/n4xeo
> F.A.D.C.A.: http://fadca.org
> FPAC: http://www.qsl.net/fpac
> ICQ: 19219163
>
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# 11505. test only , discard

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 00:21:19 UTC
From: Federico Batarse
Topic: 11505  Message: 11505

this is a test only, sorry.
regards

Federico Batarse
XE2NLM :73!

please visit this site:
http://www.vk.com.mx

(El texto no tiene acentos para facilitar su lectura)

[Non-text portions of this message have been removed]

# 11506. Re: [FT100] test only , discard

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 19:36:29 UTC
From: Ham_Tech@juno.com
Topic: 11505  Message: 11506

Hi Federico,

It seems that the FT100 group is no longer hosted at Yahoo Groups or is
having some difficulties showing up. Do you have any problems with it?

Daniel

On Tue, 8 Jan 2002 18:21:19 -0600 "Federico Batarse"
<federicobatarse@...> writes:
> this is a test only, sorry.
> regards
>
> Federico Batarse
> XE2NLM :73!
>
> please visit this site:
> http://www.vk.com.mx
>
> (El texto no tiene acentos para facilitar su lectura)
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------ Yahoo! Groups Sponsor
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

---------------------------------------------------------------------
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# 11507. RE: [FT100] test only , discard

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 00:36:21 UTC
From: Federico Batarse
Topic: 11505  Message: 11507

yes, i was looking for the place the files was, but i do not find the egroup
on my list of groups there in yahoo

and you?
regards
federico

----- Original Message -----
From: <Ham_Tech@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 08, 2002 1:36 PM
Subject: Re: [FT100] test only , discard

> Hi Federico,
>
> It seems that the FT100 group is no longer hosted at Yahoo Groups or is
> having some difficulties showing up. Do you have any problems with it?
>
> Daniel
>
> On Tue, 8 Jan 2002 18:21:19 -0600 "Federico Batarse"
> <federicobatarse@...> writes:
> > this is a test only, sorry.
> > regards
> >
> > Federico Batarse
> > XE2NLM :73!
> >
> > please visit this site:
> > http://www.vk.com.mx
> >
> > (El texto no tiene acentos para facilitar su lectura)
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > ---------- Yahoo! Groups Sponsor
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html

> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
> >
> >
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11508. Re: XE2NLM FEDERICO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 01:17:56 UTC
From: kg4fet
Topic: 11408  Message: 11508

--- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> Hi, this is federico, xe2nlm
>
> my cat software free for everyone:
> http://groups.yahoo.com/group/FT100/files/
>
> set comm attached to the ft-100d and max speed to 4800
>
> and the photos of the circuit thermal sensor :
> http://photos.groups.yahoo.com/group/FT100/lst
>
> it is working great (thermal circuit)
>
> 73
> federico
> xe2nlm

Federico,
I was wondering if you got any of the 3 emails I sent to you this weekend with regard to all of the Run Time errors and other little problems I was getting in your CAT software? I was just curious.
Thanks
Sandor

# 11509. CATsPAW v0.91

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 01:31:23 UTC
From: kg4fet
Topic: 11509  Message: 11509

Jordon,
I want to thank you for the quick responces to my qustions about
your software.

The Group,
I have tried the 3 CAT programs that have been floating around the
group here of late over the last 5 days or so. Jordon's CATsPAW and
Bob Hillard's CAT 100 have been pretty good but CATSsPAW has been the
most error free so far for me. Jordon has been the quickest to reply
to my questions although Bob has been right up there with my
questions about CAT 100. To these two I want to say thank you for
the hard work and quick responces and to the group I would like to
say give them a try if you need CAT software for your FT 100.
Thanks again Jordon and Bob for the great work and 73 to all
DE KG4FET Sandor Proud owner of Yaesus FT 100 and ATAS 100

# 11510. all the mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 00:37:20 UTC
From: holderscoveboatdock
Topic: 11510  Message: 11510

what are all the MODs?

i think i have the hi swr problem! but, i have surfed this site's files and messages for a fix and haven't found a clear description of who should fix it or how i should dive into the bowels of my precious FT100D. will someone, please, list (or point me to) all the mods that repair these design/fabucation flaws that only thorough use can find. please, indicate if the repair requires factory level expertice.

thanks
af4jj

# 11511. RE: [FT100] Re: XE2NLM FEDERICO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 02:54:49 UTC
From: Federico Batarse
Topic: 11408  Message: 11511

yes i have receive, but in the meantime i get my cable modem failure.
now it is ready, i was using the office tcpip.

right now i think you only need the dll that is missing. could you please
try to run again and tell me the dll mising? please and i will send the dll
for win98.2
regards
federico

----- Original Message -----
From: kg4fet <kg4fet@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 08, 2002 7:17 PM
Subject: [FT100] Re: XE2NLM FEDERICO

> --- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> > Hi, this is federico, xe2nlm
> >
> > my cat software free for everyone:
> > http://groups.yahoo.com/group/FT100/files/
> >
> > set comm attached to the ft-100d and max speed to 4800
> >
> > and the photos of the circuit thermal sensor :
> > http://photos.groups.yahoo.com/group/FT100/lst
> >
> > it is working great (thermal circuit)
> >
> > 73
> > federico
> > xe2nlm
>
> Federico,
> I was wondering if you got any of the 3 emails I sent to you this
> weekend with regard to all of the Run Time errors and other little
> problems I was getting in your CAT software? I was just curious.
> Thanks
> Sandor
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11512. Re: New Ham?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 01:45:51 UTC
From: cockofromaol
Topic: 11447  Message: 11512

--- In FT100@y..., "kentonham" <hallorans@k...> wrote:
> I'm testing for my ticket in the next few days..
> As I'm in a rural area away from repeaters, I'm looking at my first
> rig to be the FT-100 vs a HT. My drive to work is about an hour
> through mostly rural area too - a good opportunity to DX?
> It's obviously lots more money, but I figure that why be unhappy
with
> a low power HT and not hit the repeaters when you can have the
whole
> shebang!
>
> Comments anyone?
>
> Kevin

Hi Kevin,

Hope to hear you on the air also. Please do some reading here
before purchasing so you know what is expected of you when installing
the FT100 in the Mobile. I have been mobile with mine since Aug 99.
If you buy one now, make sure it is modded if you buy used or if
new then make sure its a May 2001 or newer so at least one of the
mods will be done.
I have one of the originals, it works fantastic and always has.
Minor complaints here and there but I chalk it up to being luckier
than others in most cases.. The key to a successful installation in
the mobile with an FT100 is grounding, a good antenna(s). More
Grounding and a good solid connection direct to the battery.
Check out some of the old messages here, go back about three months
and read up to now and you will fit right in here. Dont be afraid by
what you read as it is a good radio, just be an informed consumer and
make sure you get a modded one or the newest run you can find..
Regards.. Richy N2ZD

# 11513. No RX or TX 14 Mhz - 4.7 Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 03:09:19 UTC
From: jdubroca
Topic: 11513  Message: 11513

I just purchased a new ft-100 today and everything works except
between 14.000.00 Mhz and 4.700.00 Mhz. No RX and TX.
Any thoughts?
I guess I'll return it tomorrow!!!!
KN4FG

# 11514. Re: [FT100] Re: XE2NLM FEDERICO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 03:57:15 UTC
From: Scott Kamm
Topic: 11408  Message: 11514

Every time I try to download this program it tells me that I'm missing the MSSTDFMT.DLL

Federico Batarse wrote:

> yes i have receive, but in the meantime i get my cable modem failure.
> now it is ready, i was using the office tcpip.
>
> right now i think you only need the dll that is missing. could you please
> try to run again and tell me the dll mising? please and i will send the dll
> for win98.2
> regards
> federico
>
> ----- Original Message -----
> From: kg4fet <kg4fet@...>
> To: <FT100@yahoogroups.com>
> Sent: Tuesday, January 08, 2002 7:17 PM
> Subject: [FT100] Re: XE2NLM FEDERICO
>
> > --- In FT100@y..., "Federico Batarse" <federicobatarse@u...> wrote:
> > > Hi, this is federico, xe2nlm
> > >
> > > my cat software free for everyone:
> > > http://groups.yahoo.com/group/FT100/files/
> > >
> > > set comm attached to the ft-100d and max speed to 4800
> > >
> > > and the photos of the circuit thermal sensor :
> > > http://photos.groups.yahoo.com/group/FT100/lst
> > >
> > > it is working great (thermal circuit)
> > >
> > > 73
> > > federico
> > > xe2nlm
> >
> > Federico,
> > I was wondering if you got any of the 3 emails I sent to you this
> > weekend with regard to all of the Run Time errors and other little
> > problems I was getting in your CAT software? I was just curious.
> > Thanks
> > Sandor
> >
> >

> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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> >
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11515. Re: all the mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 01:58:30 UTC
From: cockofromaol
Topic: 11510  Message: 11515

--- In FT100@y..., "holderscoveboatdock" <holderscoveboatdock@y...>
wrote:
> what are all the MODs?
>
> i think i have the hi swr problem! but, i have surfed this site's
> files and messages for a fix and haven't found a clear description
of
> who should fix it or how i should dive into the bowels of my
precious
> FT100D. will someone, please, list (or point me to) all the mods
that
> repair these design/fabucation flaws that only thorough use can
find.
> please, indicate if the repair requires factory level expertice.
>
> thanks
> af4jj

There is a very detailed text file in the files area I have posted.
I have also uploaded quite a few pictures for the filter installation
and these would be helpful in doing the mod also.. Check the files
area.. Regards.. Richy N2ZD

# 11516. Re: [FT100] Re: Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 02:16:52 UTC
From: John Spiceman
Topic: 11439  Message: 11516

Chas,
You're correct. Freq response IS difficult to measure with the scope.
As far as the magnitude, just measure the height of the xmas tree peaks and keep increasing the audio/mic gain till it starts to flatten out on those peaks. Then back off a little. This should be the point of maximum output and will be different for everyone.(in theory)
Wonder what the processor would do to the sinewave you will be injecting on your test. Will be interesting to see. Maybe thicken it ???? Maybe there is a point in advancing the processor where you might see distortion showing up on the thicker wave ???
I've got a pretty good scope and audio generator so i might do the same experiment and just see what happens.
I've also been told that in AM mode, you can see downward modulation when the AM carrier is set up too far. I'm going to verify that too.

Regards

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> Yes - a scope is a great way to check for
> compression. But I'm
> talking about frequency response which is difficult
> to view with a
> scope. Come to think of it you could use a scope to
> look at the
> envelope magnitude as the test signal is swept. You
> could find the 3
> dB down corners and see the ripple in the passband.
> You're right
> about the unique "best" response for each operator's
> voice. "Best"
> audio is in the ear of the beholder.
> N6AF Chas
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Chas,
> > Won't the "optimum" settings vary with everyone?
> > That's the main reason I forced myself to learn

> how to
> > use a scope. That way I can watch the audio and
> modify
> > the settings to get maximum output before the
> > distortion takes place no matter what mode I'm in.
> > Just my $.02 worth.
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > In order to eliminate some of the mystery and
> > > guess-work associated
> > > with the FT-100D and its often-criticized
> transmit
> > > audio "quality", I
> > > intend to measure the effective frequency
> response
> > > from the mic input
> > > to the RF output. In other words I will drive
> the
> > > input with a
> > > sinusoid of a defined level (confirmed low
> enough to
> > > ensure no
> > > compression) and then measure the RF emission (a
> > > single sinusoidal
> > > side-band). I'll choose different driving
> > > impedances to emulate
> > > different mic impedances. Then at least we will
> > > have a clear picture
> > > of the overall frequency response of the
> > > "audio-to-RF channel" in the
> > > transmitter. Beyond that we are subject to
> > > microphone frequency
> > > response and interface effects (mis-match
> leading to
> > > reduced level
> > > and/or non-flat frequency response). Viewing
> the
> > > basic response will
> > > be a good starting point.
> > > N6AF Chas
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Send FREE video emails in Yahoo! Mail!
> > http://promo.yahoo.com/videomail/

>
>

---
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http://promo.yahoo.com/videomail/

# 11517. Desktop mic??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 04:14:56 UTC
From: Jan Govers
Topic: 11517  Message: 11517

Can someone tell wich desktop mic is the best for FT100.

I want to buy one ,but don,t no wich one are good for this set.

Sorry for bad englisch.

Please take a look to my new home -page

url: http://people.zeelandnet.nl/goverit

Sorry but page is only in dutch ,there is a englisch version on his way

Thank 73 and many DX to all Jan PD3JAG jo21cm

Greeting to you and yours from PD3JAG Jan Govers.
qthloc jo21cm . qsl regio 29 . Cromvliet 40 4691 BB Tholen.
QRV ON : 144.300MHz SSB or 145.687.5MHz FM via PI3BOZ .
5-tvo nr :27491 GSM/SMS : 0628317376. Tel/Fax +31 0166602762

URL: http://people.zeelandnet.nl/goverit
E-mail goverit@... & pd3jag@...

---
Do You Yahoo!?
Get personalised at My Yahoo!.

[Non-text portions of this message have been removed]

# 11518. Re: Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 07:47:01 UTC
From: backhoefade
Topic: 11439  Message: 11518

I previously looked at the envelope with a scope. You can see that
the correct unmodulated carrier power for AM operation is 25 watts.
On the expected voice peaks of 100 W PEP the waveform is clean, as it
should be. If you want a little more overhead you can set F15 to
around 170 so the rig can enjoy about 150 W PEP but I'd still set F51
for about 25 Watts unmodulated. Then you definitely see solid
"upward modulation" on an external power meter while yakking away on
AM. I also gauged roughly the percentage compression that the rig
has. It's fixed at only about 12 dB or so. Enter F51 in this site's
search window to dig up my old AM postings. Run the mic gain at 17
and if you run the processor set it to 17 when running AM.
N6AF Chas
--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> You're correct. Freq response IS difficult to measure
> with the scope.
> As far as the magnitude, just measure the height of
> the xmas tree peaks and keep increasing the audio/mic
> gain till it starts to flatten out on those peaks.
> Then back off a little. This should be the point of
> maximum output and will be different for everyone.(in
> theory)
> Wonder what the processor would do to the sinewave you
> will be injecting on your test. Will be interesting to
> see. Maybe thicken it ???? Maybe there is a point in
> advancing the processor where you might see distortion
> showing up on the thicker wave ???
> I've got a pretty good scope and audio generator so i
> might do the same experiment and just see what
> happens.
> I've also been told that in AM mode, you can see
> downward modulation when the AM carrier is set up too
> far. I'm going to verify that too.
>
>
> Regards
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:
> > Yes - a scope is a great way to check for
> > compression. But I'm
> > talking about frequency response which is difficult
> > to view with a
> > scope. Come to think of it you could use a scope to

> > look at the
> > envelope magnitude as the test signal is swept. You
> > could find the 3
> > dB down corners and see the ripple in the passband.
> > You're right
> > about the unique "best" response for each operator's
> > voice. "Best"
> > audio is in the ear of the beholder.
> > N6AF Chas
> >
> > --- In FT100@y..., John Spiceman <jrmorris28@y...>
> > wrote:
> > > Chas,
> > > Won't the "optimum" settings vary with everyone?
> > > That's the main reason I forced myself to learn
> > how to
> > > use a scope. That way I can watch the audio and
> > modify
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> > > > In order to eliminate some of the mystery and
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> > > > ensure no
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> > > > side-band). I'll choose different driving
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# 11519. Re: [FT100] Re: Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 13:19:10 UTC
From: Paul Manuel
Topic: 11439  Message: 11519

--- backhoefade <cgarner@...> wrote:

It's fixed at only about 12 dB or so.

I would not say "only" in regard to 12 dB of comprerssion. On any rig I've had with compression metering, I have only run about 6 dB to keep good audio.
I guess this means that if you use the processor and close talk the mic, you're using 12 dB compression, like it or not. No wonder I can't usually get my processor to sound very good.
73,
Paul K4PDM

_____
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Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11520. Bad RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 14:43:12 UTC
From: jrayol
Topic: 11520  Message: 11520

Dears Friends.

I have problems with my FT100, when I powerup the radio he has a good reception however after my first transmission the reception falls about 40db more or less.
What can be happening? They exist some form of repairs without having to send for United States, because I am in Amazon in the north of Brazil and it would be quite complicated to send for any place.
Thanks and sorry about my english.

Jefferson Frederico
PP8KWA
pp8kwa@...

# 11521. Re: [FT100] Re: Measuring TX audio response

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 14:53:07 UTC
From: John Spiceman
Topic: 11439  Message: 11521

Thanks, Chas.
When I get back tonight I'll take a look at the
settings.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> I previously looked at the envelope with a scope.
> You can see that
> the correct unmodulated carrier power for AM
> operation is 25 watts.
> On the expected voice peaks of 100 W PEP the
> waveform is clean, as it
> should be. If you want a little more overhead you
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> around 170 so the rig can enjoy about 150 W PEP but
> I'd still set F51
> for about 25 Watts unmodulated. Then you definitely
> see solid
> "upward modulation" on an external power meter while
> yakking away on
> AM. I also gauged roughly the percentage
> compression that the rig
> has. It's fixed at only about 12 dB or so. Enter
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> search window to dig up my old AM postings. Run the
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> and if you run the processor set it to 17 when
> running AM.
> N6AF Chas
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
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> > Chas,
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> > Then back off a little. This should be the point
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> > maximum output and will be different for
> everyone.(in

> > theory)
> > Wonder what the processor would do to the sinewave
> you
> > will be injecting on your test. Will be
> interesting to
> > see. Maybe thicken it ???? Maybe there is a point
> in
> > advancing the processor where you might see
> distortion
> > showing up on the thicker wave ???
> > I've got a pretty good scope and audio generator
> so i
> > might do the same experiment and just see what
> > happens.
> > I've also been told that in AM mode, you can see
> > downward modulation when the AM carrier is set up
> too
> > far. I'm going to verify that too.
> >
> >
> > Regards
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > Yes - a scope is a great way to check for
> > > compression. But I'm
> > > talking about frequency response which is
> difficult
> > > to view with a
> > > scope. Come to think of it you could use a
> scope to
> > > look at the
> > > envelope magnitude as the test signal is swept.
> You
> > > could find the 3
> > > dB down corners and see the ripple in the
> passband.
> > > You're right
> > > about the unique "best" response for each
> operator's
> > > voice. "Best"
> > > audio is in the ear of the beholder.
> > > N6AF Chas
> > >
> > > --- In FT100@y..., John Spiceman
> <jrmorris28@y...>
> > > wrote:
> > > > Chas,
> > > > Won't the "optimum" settings vary with

> everyone?
> > > > That's the main reason I forced myself to
> learn
> > > how to
> > > > use a scope. That way I can watch the audio
> and
> > > modify
> > > > the settings to get maximum output before the
> > > > distortion takes place no matter what mode I'm
> in.
> > > > Just my $.02 worth.
> > > >
> > > > John - WB0RLD
> > > >
> > > > --- backhoefade <cgarner@h...> wrote:
> > > > > In order to eliminate some of the mystery
> and
> > > > > guess-work associated
> > > > > with the FT-100D and its often-criticized
> > > transmit
> > > > > audio "quality", I
> > > > > intend to measure the effective frequency
> > > response
> > > > > from the mic input
> > > > > to the RF output. In other words I will
> drive
> > > the
> > > > > input with a
> > > > > sinusoid of a defined level (confirmed low
> > > enough to
> > > > > ensure no
> > > > > compression) and then measure the RF
> emission (a
> > > > > single sinusoidal
> > > > > side-band). I'll choose different driving
> > > > > impedances to emulate
> > > > > different mic impedances. Then at least we
> will
> > > > > have a clear picture
> > > > > of the overall frequency response of the
> > > > > "audio-to-RF channel" in the
> > > > > transmitter. Beyond that we are subject to
> > > > > microphone frequency
> > > > > response and interface effects (mis-match
> > > leading to
> > > > > reduced level
> > > > > and/or non-flat frequency response).
> Viewing
> > > the
> > > > > basic response will

> > > > > be a good starting point.
> > > > > N6AF Chas
> > > > >
> > > > >
> > > >
> > > >
> > > >
> _____
> > > > Do You Yahoo!?
> > > > Send FREE video emails in Yahoo! Mail!
> > > > http://promo.yahoo.com/videomail/
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Send FREE video emails in Yahoo! Mail!
> > http://promo.yahoo.com/videomail/
>
>

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11522. Re: ATAS Owners, Fair Warning (i.e. expensive failure mode)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 14:53:39 UTC
From: w1pa
Topic: 11203  Message: 11522

Ref: Message 11203

Last night I was bored and I dremmeled open the base teflon tube (bottom 3") of my inopperative ATAS with the open in the base (open circuit from plug ground to control board ground); I have a replacement base on order --- Cerritos is _still_ having computer issues.

I was correct. The solder connection form the bottom/base/PL239 ground side to the internal coil had opened -- nice visible air gap. The pin holding the plastic tube offers just enough play from the concentric PL239 to the outer metal case to move slightly, and over time it stressed and failed.

http://groups.yahoo.com/group/FT100/files/ATAS100.doc
(the solder connection directly below "ATAS" in the top image)

Be gentle if you take your ATAS on and off a lot.

btw -- my old broken ATAS has metal pins holding the metal ends of the bottom three inches into each end of the tube. New ATAS's have a pin on one end, and _screws_ on the other. I'll hand Yaesu one thing... they at least seem to feedback from the fails back into their production, allbeit not soon enough for us. :-)

Bill
W1PA

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> RE my earlier comments:
>
> btw, my ATAS failed with the same failure mode documented by Dan
> (KN6OL) back in April -- intermittant open in the base loading coil
> (the lowest section, from the PL-239 up to the first set of screws).
> I have no DC path from the ground side of the PL-239 connector to the
> tube -- the loading coil of the internal z-match is open. (ref: look
> for the K5UNM pictures in the archive)
>

# 11523. Returned Ft-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 15:55:18 UTC
From: John McClain
Topic: 11523  Message: 11523

I replied to this message yesterday but it never appeared here.

Yes, we used the same dealer.

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11524. Re: [FT100] Desktop mic??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 09:31:11 UTC
From: Greg Williams
Topic: 11517  Message: 11524

I purchased an MFJ-933 from a HAMfest vendor but they forgot to tell me that I need an 8-pin to 6-pin modular jack adapter since the back of the desk mic is an 8-pin and the FT-100 is a 6-pin!!!

So now I have to plunk down 25 more buck for an adapter...for now...once I get the pinouts on each of them Ill fashion my own and either resell it or send it back for a refund...

Once I get it set up I'll let you know how it tests out.

Greg
K4HSM

----- Original Message -----
From: "Jan Govers" <pd3jag@...>
To: <ft100@yahoogroups.com>
Sent: Tuesday, January 08, 2002 8:14 PM
Subject: [FT100] Desktop mic??

Can someone tell wich desktop mic is the best for FT100.

I want to buy one ,but don,t no wich one are good for this set.

Sorry for bad englisch.

Please take a look to my new home -page

url: http://people.zeelandnet.nl/goverit

Sorry but page is only in dutch ,there is a englisch version on his way

Thank 73 and many DX to all Jan PD3JAG jo21cm

Greeting to you and yours from PD3JAG Jan Govers.
qthloc jo21cm . qsl regio 29 . Cromvliet 40 4691 BB Tholen.
QRV ON : 144.300MHz SSB or 145.687.5MHz FM via PI3BOZ .
5-tvo nr :27491 GSM/SMS : 0628317376. Tel/Fax +31 0166602762

URL: http://people.zeelandnet.nl/goverit
E-mail goverit@... & pd3jag@...

---
Do You Yahoo!?
Get personalised at My Yahoo!.

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11525. MSSTDFMT.DLL

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 16:26:45 UTC
From: Federico Batarse
Topic: 11525  Message: 11525

scott:

this is the file of my computer, to run the software., please save on the c:\windows\system directory

please notice it is a beta version, you will see, and i have to update the software, but at the weekend. with the new features

regards and 73

xe2nlm
federico batarse
monterrey mexico

MSSTDFMT.DLL

[Non-text portions of this message have been removed]

# 11526. RV: MSSTDFMT.DLL

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 16:39:41 UTC
From: Federico Batarse
Topic: 11526  Message: 11526

sorry, the file is now there in the files area.

regards

federico

----- Original Message -----
From: Federico Batarse
To: FT100@yahoogroups.com
Sent: Wednesday, January 09, 2002 10:26 AM
Subject: MSSTDFMT.DLL

scott:

this is the file of my computer, to run the software., please save on the c:\windows\system directory

please notice it is a beta version, you will see, and i have to update the software, but at the weekend. with the new features

regards and 73

xe2nlm
federico batarse
monterrey mexico

MSSTDFMT.DLL

[Non-text portions of this message have been removed]

# 11527. Re: [FT100] Re: ATAS Owners, Fair Warning (i.e. expensive failure mode)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 20:53:00 UTC
From: Pres Waterman
Topic: 11203  Message: 11527

> I was correct. The solder connection form the bottom/base/PL239
> ground side to the internal coil had opened -- nice visible air gap.
> The pin holding the plastic tube offers just enough play from the
> concentric PL239 to the outer metal case to move slightly, and over
> time it stressed and failed.
>
> http://groups.yahoo.com/group/FT100/files/ATAS100.doc
> (the solder connection directly below "ATAS" in the top image)
>
> Be gentle if you take your ATAS on and off a lot.

I had another failure. The Comet CQ-5M quick-release mount popular with the ATAS... the center receptacle for the pin twisted and broke off inside the mount. There seems to be very little preventing the socket and the white insulator from rotating inside the SO-239. Second failure... the first was the RG-174 pulled out. I removed the shiny cover with three screws and resoldered the RG-174, and used heat-shrink to make the coax fatter to grip inside better.

>
> btw -- my old broken ATAS has metal pins holding the metal ends of
> the bottom three inches into each end of the tube. New ATAS's have a
> pin on one end, and _screws_ on the other. I'll hand Yaesu one
> thing... they at least seem to feedback from the fails back into
> their production, allbeit not soon enough for us. :-)

Well, never in the case of the radios. It's weird.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11528. Fw: Loose Knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-08 18:19:33 UTC
From: Ken Kopp, K0PP
Topic: 11528  Message: 11528

----- Original Message -----
From: Ken Kopp, K0PP
To: FT100@yahoogroups.com
Sent: Tuesday, January 08, 2002 11:09 AM
Subject: Loose Knob

As I've posted before ....

The tuning assembly is held in place by an elcheapo
coiled spring (instead of a sensible and dependable
nut) around the bushing.

Slip something smooth under the rubber tire around
the knob, loosen the knob's set screw and pull the
knob off the shaft. Reset the spring ... or if you can
find the proper metric size ... replace it.

73! Ken Kopp - K0PP
k0pp@...

[Non-text portions of this message have been removed]

# 11529. Re: No RX or TX 14 Mhz - 4.7 Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-09 23:10:29 UTC
From: jdubroca
Topic: 11513  Message: 11529

--- In FT100@y..., "jdubroca" <jan.dubroca@d...> wrote:
> I just purchased a new ft-100 today and everything works except
> between 14.000.00 Mhz and 4.700.00 Mhz. No RX and TX.
> Any thoughts?
> I guess I'll return it tomorrow!!!!
> KN4FG

Replaced new FT-100 today and all functions seem to work correctly.
Will test radio for a week or so before installing in mobile.

KN4FG

# 11530. RE: [FT100] Fw: Loose Knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-10 02:08:13 UTC
From: Walt Fair
Topic: 11528  Message: 11530

Thanks for the advice. I removed the knob and sure enough the spring was working loose. I twisted it back on and that seemed to cure the problem for the time being. I figured it was something fairly simple.

Thanks and 73,

Walt KE5WJ

-----Original Message-----
From: Ken Kopp, K0PP [mailto:K0PP@...]
Sent: Tuesday, January 08, 2002 2:20 PM
To: FT100@yahoogroups.com
Subject: [FT100] Fw: Loose Knob

----- Original Message -----
From: Ken Kopp, K0PP
To: FT100@yahoogroups.com
Sent: Tuesday, January 08, 2002 11:09 AM
Subject: Loose Knob

As I've posted before ....

The tuning assembly is held in place by an elcheapo coiled spring (instead of a sensible and dependable nut) around the bushing.

Slip something smooth under the rubber tire around the knob, loosen the knob's set screw and pull the knob off the shaft. Reset the spring ... or if you can find the proper metric size ... replace it.

73! Ken Kopp - K0PP
k0pp@...

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11531. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-10 08:33:02 UTC
From: n9cv
Topic: 11485  Message: 11531

I wonder what Yeasu does with the new radios that are returned to the dealers for refund? I know it is illegal for them to sell them a second time and and claim they are new. They can be sold as used or refurbished units. Anyone ever seen a Yeasu sale on these units?

Ken - N9CV

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Thanks for the update. My entire family including many distant
> relatives have been waiting to hear from you!
>
> All kidding aside, I want to warn you that you have to be careful
> about what the store means when they say it's "modified". All of
the
> units sold over the last 2 years or so come with a marginal
> modification for the spurious oscillation problem which is only
> temporary in nature if it in fact works at all. The marginal mod
is
> an attempt to add some grounding to the inside of the rig but they
do
> it with sticky-backed copper tape. After a few months of operation
> the adhesive tends to dry out, the strap loses some of its
> conductivity and back comes the oscillation problem. The proper
> modification involves installing metal grounding straps that
actually
> get screwed into the chassis rib that runs across the middle of the
> unit. So that's what you need to verify is present. The other mod
> you want to have in there is the one that fixes the UHF/VHF fan
> problem. They add a thermostatically controlled switch to the PA
> section that will allow the fans to come on during receive
operation
> once the temperature gets high enough. Without that mod the fans
> won't turn on during VHF/UHF receive except for a few seconds after
> transmitting. The very latest rigs might have that mod in them. I
> don't know. Good luck. Once you have those mods done all your
> frustration will be in the past and you'll be able to focus on the
> right thing - having fun with an excellent radio.
> 73's Charles N6AF
>
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > I have no doubt that all of you are sitting on the edge of chairs
> waiting to hear about the outcome of my SWR problem. It has been a
> couple of weeks so to bring you up to date, you will recall that I
> installed a brand new FT-100D, s/n 0D..... (built almost 2 years
ago)

> in my F150 pickup and I became frustrated over not being able to
get
> rid of the SWR problem that I was experiencing on 10 and 12 meters
> while using an ASTA-100 antenna. After reading this group and
> getting recommendations from several of you, I called the place
where
> I purchased the radio and had several long talks with them. They
> were understanding and gave me no trouble. I have sent the rig
back
> and it should arrive there today or tomorrow and they will be
sending
> me a new one with a later serial number. I have requested that
they
> verify that the SWR mod is already installed because, if it isn't,
I
> will be returning the radio for a refund. Since purchasing it, I
> have found another store that will guarantee me that they will send
> me a rig that is already modified.
> >
> > John
> > K7SVV@A...
> >
> >
> > [Non-text portions of this message have been removed]

# 11532. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-10 18:06:33 UTC
From: backhoefade
Topic: 11485  Message: 11532

Your rhetorical question is well stated.

On a positive note I ask "where the heck are all the used FT-100 and 100D's ?" I mean the ones for sale by private owners. It's interesting to see very few out there. So with all the complaining and criticism we read on this board I suspect that once the "SWR" and fan mods are done people are generally quite pleased with the performance of the rig. I know I am. I would think you would see a large number of these for sale on the used market if people didn't like the performance. But I just don't see them out there.

I was looking at the comments about the 706 on, I believe, the "e-ham" website. I read several complaints about the distorted receive audio when you use the noise blanker, distorted receive audio when you turn up the volume slightly, poor stop-band rejection when using the narrow CW filter (sometimes called "blow-by") and poor front end rejection against strong overseas BC stations. I don't want any of that in a receiver! With the FT-100D I don't have to deal with that.

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> I wonder what Yeasu does with the new radios that are returned to the
> dealers for refund? I know it is illegal for them to sell them a
> second time and and claim they are new. They can be sold as used or
> refurbished units. Anyone ever seen a Yeasu sale on these units?
>
> Ken - N9CV

# 11533. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-10 17:02:30 UTC
From: cockofromaol
Topic: 11485  Message: 11533

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> I wonder what Yeasu does with the new radios that are returned to
the
> dealers for refund? I know it is illegal for them to sell them a
> second time and and claim they are new. They can be sold as used or
> refurbished units. Anyone ever seen a Yeasu sale on these units?
>
> Ken - N9CV

Count me in, Hey Chip wanna sell off some of the returns? I would be more than happy to take some of them off of your hands.. My address is good in the book so start UPSing the returns there. I will even do the mods and cut down turnaround time for your repairs. For every twenty I complete, gimmee one returned defective FT100.

Anyway, I havent heard any of you on 18150, Lets go people!! While my ATAS is behaving on 17m this week..

# 11534. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-10 23:44:37 UTC
From: Ham_Tech@juno.com
Topic: 11534  Message: 11534

Greetings,

I would like to know the pinout on the Band data cable that controls the FC-20. I looked at the FC-20 diagrams in the Photos section, and could not read the picture when I made it larger. Also if someone has some resources such as websites dealing with the connections of the FC-20, I would be interested.

Does the FT100 control the FC20 by voltages put out by the Band data cable; what are those voltages, do they change polarity; and what does the SO-239 put out, is it just RF or RF and DC, as in the case of the ATAS-100???

Thank you,

Daniel

---
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http://dl.www.juno.com/get/web/.

# 11535. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 04:36:19 UTC
From: n9cv
Topic: 11485  Message: 11535

I agree with your statements 100%. I was very very displeased with Yeasu's customer service and policies earlier this year. Now that the mods are done on mine, I really like this rig. I posted this question wondering if there is a source for discounted refurbished radios. There sure isn't much of a used market that I have seen. The few I hav seen are getting almost new prices for them. If there is a discounted refurb source I would buy a second FT-100 to just to have it. I am not sure what I need it for yet, but a good deal is a good deal.

Ken - N9CV

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Your rhetorical question is well stated.
>
> On a positive note I ask "where the heck are all the used FT-100 and
> 100D's ?" I mean the ones for sale by private owners. It's
> interesting to see very few out there. So with all the complaining
> and criticism we read on this board I suspect that once the "SWR" and
> fan mods are done people are generally quite pleased with the
> performance of the rig. I know I am. I would think you would see a
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> like the performance. But I just don't see them out there.
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> "e-ham" website. I read several complaints about the distorted
> receive audio when you use the noise blanker, distorted receive audio
> when you turn up the volume slightly, poor stop-band rejection when
> using the narrow CW filter (sometimes called "blow-by") and poor
> front end rejection against strong overseas BC stations. I don't
> want any of that in a receiver! With the FT-100D I don't have to
> deal with that.
>
>
> --- In FT100@y..., "n9cv" <kgb@i...> wrote:
> > I wonder what Yeasu does with the new radios that are returned to
> the
> > dealers for refund? I know it is illegal for them to sell them a
> > second time and and claim they are new. They can be sold as used
or
> > refurbished units. Anyone ever seen a Yeasu sale on these units?

> >
> > Ken - N9CV

# 11536. 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 11:04:18 UTC
From: Greg Williams
Topic: 11536  Message: 11536

Okay, I must start out that my patience with the "supplies" for the FT-100D are running thin...

I bought an MFJ-299 Desktop microphone last weekend at a hamfest and when I brought it home to plug in, I was reasonably miffed to discover that the plug going into the MFJ-299 is an 8-pin modular jack. Meanwhile the FT-100D has a 6-pin modular jack.

Okay, so I talked to AES and ordered what I thought was an 8-pin to 6-pin Heil adapter (after perusing the FAQ page) and when I got the package today, I find that it's an 8-pin modular jack on one end, and the other is for a PTT footswitch and RCA-type headphone plug! Oh boy!

So now, on top of having blown $32 for that, and almost $90 for the mic, Im still stuck without the ability to use the FT-100 with the desk mic.

Does anyone make an 8-pin to 6-pin modular adaptor? The 299 says it can support the FT-100 but I have yet to see it!

Greg
K4HSM

# 11537. RE: [FT100] 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 12:26:17 UTC
From: Eric van de Weyer
Topic: 11536  Message: 11537

Surely the quickest thing would be to chop off the 8 pin connector from the mic and put on a 6 pin one to suit the radio.

Second fastest would be to make up an adaptor (10 to 15 minutes). That way you can keep the new mike's cable intact.

The FT-100 book has all the pin outs for the radio in the front of it (page 4) which was something I was very impressed with, no searching through the entire manual to find them. I'm sure the Mic comes with a list of its pin outs. All you have to do is make up a short patch cable and you/re away. Even if you had to trace out the Mic pin outs with a meter it would only add a maximum of another 10 minutes.

Only thing I would have liked to see in the book would have been the circuitry of the hand mike that comes with the radio. It's not in the book or on the schematic. I had to open up the mike and trace it out and it is quite interesting how they get all those buttons on the mic with so few wires (4 including Gnd and +9V).

I already had a boom microphone in my car which came to a 6 pin DIN plug (which I have on many of my radios here) so I just made up a 10 minute adapter for it and away it went.

Anyway, good luck with it, Greg.

73....Eric VK2KUR
-----Original Message-----
From: Greg Williams [mailto:k4hsm@...]
Sent: Friday, January 11, 2002 10:04 PM
To: FT100@yahoogroups.com
Subject: [FT100] 8-pin to 6-pin modular adapter info

Okay, I must start out that my patience with the "supplies" for the
FT-100D
are running thin...

I bought an MFJ-299 Desktop microphone last weekend at a hamfest and when
I
brought it home to plug in, I was reasonably miffed to discover that the
plug going into the MFJ-299 is an 8-pin modular jack. Meanwhile the
FT-100D
has a 6-pin modular jack.

Okay, so I talked to AES and ordered what I thought was an 8-pin to 6-pin
Heil adapter (after perusing the FAQ page) and when I got the package
today,
I find that it's an 8-pin modular jack on one end, and the other is for a

PTT footswitch and RCA-type headphone plug! Oh boy!

So now, on top of having blown $32 for that, and almost $90 for the mic, Im
still stuck without the ability to use the FT-100 with the desk mic.

Does anyone make an 8-pin to 6-pin modular adaptor? The 299 says it can
support the FT-100 but I have yet to see it!

Greg
K4HSM

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[Non-text portions of this message have been removed]

# 11538. Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 13:58:31 UTC
From: Paulus
Topic: 11485  Message: 11538

Dear Group FT-100 members

I have a FT-100 KH266 89063 Serial No 9J025033, purchased in Japan

Could any of me members tell when this set was approximately made.

How long does Yaseu guarantee their Ft-100□s and are there any strings or impediments attached to their guarantees.

Paulus

[Non-text portions of this message have been removed]

# 11539. RE: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 14:33:37 UTC
From: Federico Batarse
Topic: 5045  Message: 11539

HI, this is federico, xe2nlm

i think the convention used by yaesu is to set the apropiate frequency on the radio and then take out by the conector to the antenna tuner or to the amplifier

by 4 bits digital outputs, i wonder it is 0 - 5 volts by 4 cables and ground.
regards and 73
federico
xe2nlm

----- Original Message -----
From: <Ham_Tech@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, January 10, 2002 5:44 PM
Subject: [FT100] (unknown)

> Greetings,
>
> I would like to know the pinout on the Band data cable that controls the
> FC-20. I looked at the FC-20 diagrams in the Photos section, and could
> not read the picture when I made it larger. Also if someone has some
> resources such as websites dealing with the connections of the FC-20, I
> would be interested.
>
> Does the FT100 control the FC20 by voltages put out by the Band data
> cable; what are those voltages, do they change polarity; and what does
> the SO-239 put out, is it just RF or RF and DC, as in the case of the
> ATAS-100???
>
>
> Thank you,
>
> Daniel
> _____
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com

> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11540. Re: [FT100] Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 14:11:12 UTC
From: Lee Boulineau
Topic: 11485  Message: 11540

It was made in October 1999

73 de N4MVL
Lee

--- Paulus <paul_telfer.geo@...> wrote:
> Dear Group FT-100 members
>
>
>
> I have a FT-100 KH266 89063 Serial No 9J025033,
> purchased in Japan
>
> Could any of me members tell when this set was
> approximately made.
>
> How long does Yaseu guarantee their Ft-100?s and are
> there any strings or
> impediments attached to their guarantees.
>
>
>
> Paulus
>
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

---------------------------------------------------
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# 11541. Re: [FT100] 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 15:41:58 UTC
From: Pres Waterman
Topic: 11536  Message: 11541

> Surely the quickest thing would be to chop off the 8 pin connector from
the
> mic and put on a 6 pin one to suit the radio.

No, this is not good information. The FT-100 has an unusual keying/biasing scheme. A straight PTT and mic connection will not work. You NEED an adapter. It has more then a plug, wires and a socket in it.

And no, I do not know the details, but I think there is a schematic in the Yahoo!groups FT100 site's files section.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11542. Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 15:57:46 UTC
From: k5btk
Topic: 11542  Message: 11542

Have any of you found a supplier for the plug to fit the power connector on the FT-100? The markings on the plug and socket are too small for me to make out the manufacturer's logo. One logo looks like a stylized "ICS" and the other marking looks sort of like "AC7". All I can really make out is the part mfg's part numbers of LO2F on the supply side and LO2M and LO2MB on the rig side.
Some time back I found what I thought was the correct part to mate with the power connector on the rear of the FT-847. It was EXACTLY the right style and shape - but missed in size by a tiny fraction of an inch. NO JOY!
It would really be nice for fixed station use to be able to make up a power cable only a foot long instead of using the cable supplied for mobile operation. I hate to shell out the $$ for an additional mobile cable and cut off all but the last foot.
The only Yaesu rig I had no trouble making up additional power cables for was the FT-817!!!!
...Don (K5BTK)

# 11543. Re: Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 16:26:45 UTC
From: w7kr
Topic: 11542  Message: 11543

I just purchase one from the following:

http://www.powerwerx.com/oem.html

It is exactly like the original and works great!

Jerry - W7KR

--- In FT100@y..., "k5btk" <k5btk@a...> wrote:
> Have any of you found a supplier for the plug to fit the power
> connector on the FT-100? The markings on the plug and socket are
too
> small for me to make out the manufacturer's logo. One logo looks
> like a stylized "ICS" and the other marking looks sort of
> like "AC7". All I can really make out is the part mfg's part
numbers
> of LO2F on the supply side and LO2M and LO2MB on the rig side.
> Some time back I found what I thought was the correct part to
mate
> with the power connector on the rear of the FT-847. It was EXACTLY
> the right style and shape - but missed in size by a tiny fraction
of
> an inch. NO JOY!
> It would really be nice for fixed station use to be able to make
> up a power cable only a foot long instead of using the cable
supplied
> for mobile operation. I hate to shell out the $$ for an additional
> mobile cable and cut off all but the last foot.
> The only Yaesu rig I had no trouble making up additional power
> cables for was the FT-817!!!!
> ...Don (K5BTK)

# 11544. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 12:00:52 UTC
From: Ham_Tech@juno.com
Topic: 5045  Message: 11544

thanks.

Daniel

---
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# 11545. Re: [FT100] 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 18:06:38 UTC
From: The Simpsons
Topic: 11536  Message: 11545

The extras required are simple. Just put a 27k resistor in series with the PTT line (ie. RJ11 SW1 to pin 6 on the Yaesu 8 pin connector). The actual value should be 25.5k made from a 47k and 56k in parallel, but 27k is close enough. Add a 39k from pin 6 to pin 3 and an 82k from pin 3 to pin 1 of the 8pin Yaesu round connector and you will have the UP and DOWN functions working as well.

RJ11 YAESU 8 PIN KENWOOD 8 PIN
SW1--27k------------6 2 PTT
!
39k
!
----------3 3 Down
!
82k
!
-----1 4 Up

Mic In 8 1 Mic
Ground 7 7 Ground
5 8 Ground
9Volt 2 5 9Volt
NC
SW2

----- Original Message -----
From: "Pres Waterman" <pres@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, January 12, 2002 4:41 AM
Subject: Re: [FT100] 8-pin to 6-pin modular adapter info

>
>
> > Surely the quickest thing would be to chop off the 8 pin connector from
> the
> > mic and put on a 6 pin one to suit the radio.
>
>
> No, this is not good information. The FT-100 has an unusual keying/biasing
> scheme. A straight PTT and mic connection will not work. You NEED an
> adapter. It has more then a plug, wires and a socket in it.
>
> And no, I do not know the details, but I think there is a schematic in the
> Yahoo!groups FT100 site's files section.
>
> Thanks

>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!

# 11546. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 18:04:10 UTC
From: n0xu
Topic: 11485  Message: 11546

Really? I've never heard of that. I used to work for a manufacturer at a service depot (who shall remain nameless but isn't in the amateur business). Warranty returns (from exchanges) were repaired at the module level (replace a board rather than repair it) and sold as new.

Just out of curiosity, is that something in the Uniform Commercial Code, or something?

Just wondering...

73 Drew N0XU

<snip>
> I know it is illegal for them to sell them a
> second time and and claim they are new. They can be sold as used or
> refurbished units. Anyone ever seen a Yeasu sale on these units?
>
> Ken - N9CV
<snip>

# 11547. Re: [FT100] Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 20:28:44 UTC
From: Lee Boulineau
Topic: 11485  Message: 11547

OOPS - August 99 - MY BAD!!!!!

73 de N4MVL
Lee

--- Lee Boulineau <n4mvl@...> wrote:
> It was made in October 1999
>
> 73 de N4MVL
> Lee
>
> --- Paulus <paul_telfer.geo@...> wrote:
> > Dear Group FT-100 members
> >
> >
> >
> > I have a FT-100 KH266 89063 Serial No
> 9J025033,
> > purchased in Japan
> >
> > Could any of me members tell when this set was
> > approximately made.
> >
> > How long does Yaseu guarantee their Ft-100?s and
> are
> > there any strings or
> > impediments attached to their guarantees.
> >
> >
> >
> > Paulus
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
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> >
> >
> >
> >
> > _____
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# 11548. Re: [FT100] Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 22:50:12 UTC
From: Pres Waterman
Topic: 11485  Message: 11548

> Really? I've never heard of that. I used to work for a manufacturer at
> a service depot (who shall remain nameless but isn't in the amateur
> business). Warranty returns (from exchanges) were repaired at the
> module level (replace a board rather than repair it) and sold as new.
>
> Just out of curiosity, is that something in the Uniform Commercial
> Code, or something?

I think it is a legend

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11549. RE: [FT100] 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-11 23:10:03 UTC
From: Jim Clark
Topic: 11536  Message: 11549

Greg-

At this site under Yaesu / ft100 is the schematics to make a connector
for 8 pin to the modular.
Hope it helps

Jim, N5QL

http://www.mods.dk/

-----Original Message-----
From: Greg Williams [mailto:k4hsm@...]
Sent: Friday, January 11, 2002 5:04 AM
To: FT100@yahoogroups.com
Subject: [FT100] 8-pin to 6-pin modular adapter info

Okay, I must start out that my patience with the "supplies" for the
FT-100D
are running thin...

I bought an MFJ-299 Desktop microphone last weekend at a hamfest and
when I
brought it home to plug in, I was reasonably miffed to discover that the
plug going into the MFJ-299 is an 8-pin modular jack.  Meanwhile the
FT-100D
has a 6-pin modular jack.

Okay, so I talked to AES and ordered what I thought was an 8-pin to
6-pin
Heil adapter (after perusing the FAQ page) and when I got the package
today,
I find that it's an 8-pin modular jack on one end, and the other is for
a
PTT footswitch and RCA-type headphone plug!  Oh boy!

So now, on top of having blown $32 for that, and almost $90 for the mic,
Im
still stuck without the ability to use the FT-100 with the desk mic.

Does anyone make an 8-pin to 6-pin modular adaptor?  The 299 says it can
support the FT-100 but I have yet to see it!

Greg
K4HSM

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11550. RE: [FT100] Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 00:04:26 UTC
From: Richard W. Solomon
Topic: 11485  Message: 11550

The UCC is a legend ???
If you have proof that someone is selling refurbished equipment
as "New", I have some people at the FTC that would like to talk
to you.

73, Dick, W1KSZ

ps: The UCC is the law in 49 states. Which one is the loner and why?

-----Original Message-----
From: Pres Waterman [mailto:pres@...]
Sent: Friday, January 11, 2002 5:50 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: The latest on my SWR problem.

> Really? I've never heard of that. I used to work for a manufacturer at
> a service depot (who shall remain nameless but isn't in the amateur
> business). Warranty returns (from exchanges) were repaired at the
> module level (replace a board rather than repair it) and sold as new.
>
> Just out of curiosity, is that something in the Uniform Commercial
> Code, or something?

I think it is a legend

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

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# 11551. FT 897 CLOSE UP PIC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 03:10:58 UTC
From: kg4fet
Topic: 11551  Message: 11551

Hey guys,
Here is a great close up pic of the Yaesu's FT 897
http://www.rigpix.com/yaesu/ft897.htm
This is a shot of the front showing the buttons, Buzzers (sort of),
and the bells. It also gives a basics of the specs as well
73 and ENJOY
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 11552. Re: Power Connector Supplier? - try Yeasu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 05:21:33 UTC
From: k6rcx
Topic: 11542  Message: 11552

Try Yaesu, they have both ends cheaper at $4.37 each

# 11553. Re: Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 07:35:03 UTC
From: n9cv
Topic: 11542  Message: 11553

Around here they are available at the local hamfests. There are always several vendors at the hamfests selling all types of connectors (both power and RF). I have seen the FT-100 power connectors (both ends) with or without cables. I think I paid $6.00 for the connector only. I am going to a hamfest on Sunday. I will check the price when I am there. There also is a web site that sells these, but I cannot remember the URL. If I find it I will append it here, unless someone else posts it first.

Ken - N9CV

--- In FT100@y..., "k5btk" <k5btk@a...> wrote:
> Have any of you found a supplier for the plug to fit the power
> connector on the FT-100? The markings on the plug and socket are too
> small for me to make out the manufacturer's logo. One logo looks
> like a stylized "ICS" and the other marking looks sort of
> like "AC7". All I can really make out is the part mfg's part numbers
> of LO2F on the supply side and LO2M and LO2MB on the rig side.
> Some time back I found what I thought was the correct part to mate
> with the power connector on the rear of the FT-847. It was EXACTLY
> the right style and shape - but missed in size by a tiny fraction of
> an inch. NO JOY!
> It would really be nice for fixed station use to be able to make
> up a power cable only a foot long instead of using the cable supplied
> for mobile operation. I hate to shell out the $$ for an additional
> mobile cable and cut off all but the last foot.
> The only Yaesu rig I had no trouble making up additional power
> cables for was the FT-817!!!!
> ...Don (K5BTK)

# 11554. Re: Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 04:16:33 UTC
From: k5btk
Topic: 11542  Message: 11554

*** Thanks, Jerry!!! ***

==========

--- In FT100@y..., "w7kr" <w7kr@a...> wrote:
> I just purchased one from the following:
> http://www.powerwerx.com/oem.html
> It is exactly like the original and works great!
> Jerry - W7KR
>
> ==========
>
> --- In FT100@y..., "k5btk" <k5btk@a...> wrote:
> > Have any of you found a supplier for the plug
> > to fit the power connector on the FT-100?

# 11555. RE: [FT100] Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 03:37:23 UTC
From: Eric van de Weyer
Topic: 11542  Message: 11555

Hi Don,

I went a slightly different way and replaced the existing connector with Anderson Powerpoles. I have standardised on the Powerpoles for all my equipment so it becomes a lot easier. I have also put powerpoles on the pigtails out of the original connectors so that, in an emergency, I can still use either another FT100 with my setup or can plug my FT100 into someone else's setup which still has the originals.

Maybe an email to Yaesu (Vertex) would get you the info. I would assume that they are of Japanese origin.

BTW, my L02M has three symbols on it, the first looks like a lightening bolt, then what looks like a sloping "J" followed by sloping II. That is the one which you thought looked like a stylised "ICS" The other is "XC7" not "AC7".

Also both M and F have + & - polarity symbols on them.

73....Eric VK2KUR.
-----Original Message-----
From: k5btk [mailto:k5btk@...]
Sent: Saturday, January 12, 2002 2:58 AM
To: FT100@yahoogroups.com
Subject: [FT100] Power Connector Supplier?

Have any of you found a supplier for the plug to fit the power connector on the FT-100? The markings on the plug and socket are too small for me to make out the manufacturer's logo. One logo looks like a stylized "ICS" and the other marking looks sort of like "AC7". All I can really make out is the part mfg's part numbers of LO2F on the supply side and LO2M and LO2MB on the rig side.
Some time back I found what I thought was the correct part to mate with the power connector on the rear of the FT-847. It was EXACTLY the right style and shape - but missed in size by a tiny fraction of an inch. NO JOY!
It would really be nice for fixed station use to be able to make up a power cable only a foot long instead of using the cable supplied for mobile operation. I hate to shell out the $$ for an additional mobile cable and cut off all but the last foot.
The only Yaesu rig I had no trouble making up additional power cables for was the FT-817!!!!
...Don (K5BTK)

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[Non-text portions of this message have been removed]

# 11556. Earthing problems - I've found it!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 13:08:27 UTC
From: DX-Radio Moderator
Topic: 11365  Message: 11556

As being a member of this group and also a proud owner of a FT-100, I've seen the questions about the high SWR on UHF without any reason. Today I mounted a new filter into the FT-100 and opened the machine for the very first time. I've never in my life seen something so poorly done! Should this be the latest within hi-tech? The cupper-tape used for grounding to the aluminium is as sticky as a cleaned window.

To improve the grounding by 100%, replace the cupper-tape inside with new better one, one that has a good sticky back-side. Be sure to press it tight to the aluminium. This will do alot. I've seen the modification with screws, and that's needed when the cupper-tape has a poor sticky backside. To be sure to get a good ground inside, double the lenght of the cupper-tape.
Now I can access UHF without any problems, 100% out.

Thanks for the pictures of the Yaesu-HQ-modification, don't remember who posted them to the group, but they helped me out to solve the problem.
vy 73?s de Jonny / SM6WYA

# 11557. Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 08:32:39 UTC
From: n9cv
Topic: 11485  Message: 11557

Well, I guess I should change to statement to "I THINK it is illegal for them to sell them a second time and and claim they are new." I do not know where to go to prove that I am right or wrong.

Ken - N9CV

--- In FT100@y..., "n0xu" <n0xu@y...> wrote:
> Really? I've never heard of that. I used to work for a manufacturer at
> a service depot (who shall remain nameless but isn't in the amateur
> business). Warranty returns (from exchanges) were repaired at the
> module level (replace a board rather than repair it) and sold as new.
>
> Just out of curiosity, is that something in the Uniform Commercial
> Code, or something?
>
> Just wondering...
>
> 73 Drew N0XU
>
> <snip>
> > I know it is illegal for them to sell them a
> > second time and and claim they are new. They can be sold as used or
> > refurbished units. Anyone ever seen a Yeasu sale on these units?
> >
> > Ken - N9CV
> <snip>

# 11558. K5BTK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 15:09:17 UTC
From: John
Topic: 11558  Message: 11558

Don:
I don't have a direct answer to your question but this is how I solved the Yaesu power connector problem.
Go to your favorite Radio Shack store and get polarized interlocking connectors 274-151 male and 274-154 female at $.99 each. These are 20 amp. contacts and are available at any Radio Shack store. I have two FT-100's, one mobile and one fixed along with other high current 12V devices which all use these connectors. Inexpensive, easily obtainable and they work!
73's, John, K2GVP

[Non-text portions of this message have been removed]

# 11559. Power Connector Supplier?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 13:42:49 UTC
From: k5btk
Topic: 11542  Message: 11559

Thanks for the suggestions. At this point I have a CHOICE of sources
for the connectors I was searching for. JOY!!!
...Don (K5BTK)

# 11560. FT-100 & 9600bps

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 22:46:24 UTC
From: nezbrun
Topic: 11560  Message: 11560

Anyone had any luck getting their FT-100 running in TX & RX at 9600?
I've had no problem with my FT-847 (the FT-100 and FT-847 seem to use
the same pinouts, so at least I know the cable's OK even though
levels are different).

The Packet rate (Menu 37) is also set to 9600.

All other difital modes seem OK.

73 Howard G6LVB

# 11561. Mods to Australian FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-12 23:52:36 UTC
From: Graeme
Topic: 11561  Message: 11561

This is to people who have purchased their FT-100
through the Australian supplier DSE.

Were the swr & fan mods done prior to purchase ?

If they weren't have you tried to get DSE to do them
and what was the result ?

Cheers
Graeme
VK3JUD

http://my.yahoo.com.au - My Yahoo!
- It's My Yahoo! Get your own!

# 11562. Re: 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 03:22:45 UTC
From: nb6i
Topic: 11536  Message: 11562

Sounds like you ordered the wrong part. I recently put an after market microphone on my FT-100 that uses the standard Yaesu 8-pin DIN connector. In this case the Heil HMM-Y mobile microphone pre-wired for Yaesu 8-pin DIN connectors.

The Heil part you want is called an AD-100; one of several radio to mic adapters they make for the Yaesu series. It has the 6-pin modular plug on one end that goes directly into the FT-100 and the 8-pin DIN on the other.

The Heil part works like a champ. Was chattering away on 17-meters this morning with it. Suggest you return the incorrect part and order the correct one.

For the final conversion to 8-pin modular, what you need is a DIN to modular cable like those that are supplied with mics like the Yaesu MD-100 and MH-31. The best way to get one of these is to call Yaesu in Cerritos, CA and order one from the parts department.

Btw, the FT-100 uses an MH-36 series microphone that is also found in radios like the FT-90R and other VHF/UHF series radios. They are interchangeable and I think originally designed around these radios and not for the FT-100. These mics inject command signals into the audio in line which works fine for VHF/UHF operations. There's a tone generator and audio amp circuit in those things.

The mic is not shielded against HF EMI very well and I have had my share of feedback trouble with the MH-36 in a mobile installation. The mic's circuitry is the pick-up point for the EMI. The effects can range from an FM buzz to unreadable overdriven audio. This is really annoying seeing as you have to be pretty tolerant about stray RF in a mobile to begin with.

The Heil HMM mic has no such circuits and does not exhibit the problem. In my radio, the HMM-Y seems to run well on HF with the MIC GAIN set at 50 running mobile. The ALC behaves on all bands using a heavily counterpoised ATAS-100. A setting of 30 produced copyable but weak audio reports at highway speed; your mileage will vary. I have yet not optimized it for VHF/UHF but have started with the GAIN at 50, the factory default.

Hope this helps a little.

73 de NB6I (Dennis)

# 11563. RE: [FT100] Re: 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 03:46:44 UTC
From: Greg Williams
Topic: 11536  Message: 11563

I did order the AD-100. But this one was an 8-pin modular on one end, the PTT footswitch adapter and headphone jack on the other.

Thats the part number that supposedly was ordered.

I called back yesterday and ordered the CT-69. I hope this is it. I returned the other part today. I hate having to pay for shipping but it was only $1

Greg Williams
K4HSM

-----Original Message-----
From: nb6i [mailto:dsantiago@...]
Sent: Saturday, January 12, 2002 10:23 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: 8-pin to 6-pin modular adapter info

Sounds like you ordered the wrong part. I recently put an after market microphone on my FT-100 that uses the standard Yaesu 8-pin DIN connector. In this case the Heil HMM-Y mobile microphone pre-wired for Yaesu 8-pin DIN connectors.

The Heil part you want is called an AD-100; one of several radio to mic adapters they make for the Yaesu series. It has the 6-pin modular plug on one end that goes directly into the FT-100 and the 8-pin DIN on the other.

The Heil part works like a champ. Was chattering away on 17-meters this morning with it. Suggest you return the incorrect part and order the correct one.

For the final conversion to 8-pin modular, what you need is a DIN to modular cable like those that are supplied with mics like the Yaesu MD-100 and MH-31. The best way to get one of these is to call Yaesu in Cerritos, CA and order one from the parts department.

Btw, the FT-100 uses an MH-36 series microphone that is also found in radios like the FT-90R and other VHF/UHF series radios. They are interchangeable and I think originally designed around these radios and not for the FT-100. These mics inject command signals into the audio in line which works fine for VHF/UHF operations. There's a tone generator and audio amp circuit in those things.

The mic is not shielded against HF EMI very well and I have had my share of feedback trouble with the MH-36 in a mobile installation. The mic's circuitry is the pick-up point for the EMI. The effects

can range from an FM buzz to unreadable overdriven audio. This is really annoying seeing as you have to be pretty tolerant about stray RF in a mobile to begin with.

The Heil HMM mic has no such circuits and does not exhibit the problem. In my radio, the HMM-Y seems to run well on HF with the MIC GAIN set at 50 running mobile. The ALC behaves on all bands using a heavily counterpoised ATAS-100. A setting of 30 produced copyable but weak audio reports at highway speed; your mileage will vary. I have yet not optimized it for VHF/UHF but have started with the GAIN at 50, the factory default.

Hope this helps a little.

73 de NB6I (Dennis)

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# 11564. RE: [FT100] Re: The latest on my SWR problem.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 13:09:17 UTC
From: Paulus
Topic: 11485  Message: 11564

It sounds like the Elephants (FT-100's) graveyard to me
-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Saturday, January 12, 2002 9:33 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: The latest on my SWR problem.

Well, I guess I should change to statement to "I THINK it is illegal
for them to sell them a second time and and claim they are new." I
do not know where to go to prove that I am right or wrong.

Ken - N9CV

--- In FT100@y..., "n0xu" <n0xu@y...> wrote:
> Really? I've never heard of that. I used to work for a manufacturer
at
> a service depot (who shall remain nameless but isn't in the amateur
> business). Warranty returns (from exchanges) were repaired at the
> module level (replace a board rather than repair it) and sold as
new.
>
> Just out of curiosity, is that something in the Uniform Commercial
> Code, or something?
>
> Just wondering...
>
> 73 Drew N0XU
>
> <snip>
> > I know it is illegal for them to sell them a
> > second time and and claim they are new. They can be sold as used
or
> > refurbished units. Anyone ever seen a Yeasu sale on these units?
> >
> > Ken - N9CV
> <snip>

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[Non-text portions of this message have been removed]

# 11565. RE: [FT100] Re: Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 14:03:33 UTC
From: Paulus
Topic: 11536  Message: 11565

Regarding Yaseu guarantees.

I would be very interested to hear from any member from this group to what sort guarantee was offered by Yaseu when they purchased their FT-100's.
I am especially need to know if it was a one, two or three year (factory or local guarantee) offered with the set.
Did the negotiated price paid for the Ft-100 have any effect on the length to the guarantee?
Also were there any conditions or contractual arrangements in the guarantee?
Have you had any problems with the guarantee?

Please send your info to this page
However, should a members require confidentiality.

CONFIDENTIALLY
unless authorized, all information sent to my other email address at rodger@... will remain confidential
168 bit DES encryption available if requested - please send you certificate for exchanging purposes.

Yours truly

Paulus B Telfer

[Non-text portions of this message have been removed]

# 11566. RE: [FT100] Re: Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 15:28:47 UTC
From: Lee Devlin
Topic: 11536  Message: 11566

--- Paulus <paul_telfer.geo@...> wrote:
>
> Regarding Yaseu guarantees.
>
> I would be very interested to hear from any member
> from this group to what
> sort guarantee was offered by Yaseu when they
> purchased their FT-100's.

The standard Yaesu warranty (at least in the U.S.) is 1 year. I have never been solicited at a ham store to purchase an 'extended warranty' like I am at many other retail stores for other electronics products. Typically, the ham store (and there are precious few physical ham stores in the U.S.) will offer an exchange if the rig fails out of the box, but cuts you loose to deal with the manufacturer after a week or so. All of this can be 'negotiated' with the individual store owners, of course, since they can act as the middleman in a warranty claim, but they don't get any extra money, just customer goodwill by doing so.

A rig sent back to Yaesu after a year will often require a $75 alignment fee before they'll attempt to fix it. In the case of the FT100, Yaesu has been known to fix the SWR problem after the warranty period free of charge, but you still might get hit with an alignment fee.

73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

---------------------------------------------------
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# 11567. RE: [FT100] Re: Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 15:22:54 UTC
From: Richard W. Solomon
Topic: 11536  Message: 11567

I believe the standard warranty for the FT-100 is one (1) year. I bought one of the first ones that came into this area and it developed an SWR problem on 440 MHz (only on 440). After trying to fix the radio, without success, YAESU replaced the radio. You cannot get better warranty service than that.
The fact that I own several YAESU radios had nothing to do with the quality of service. I just like YAESU radios and believe their service to be second to none.

73, Dick, W1KSZ

-----Original Message-----
From: Paulus [mailto:paul_telfer.geo@...]
Sent: Sunday, January 13, 2002 9:04 AM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: Guarantee

Regarding Yaseu guarantees.

I would be very interested to hear from any member from this group to what sort guarantee was offered by Yaseu when they purchased their FT-100's.
I am especially need to know if it was a one, two or three year (factory or local guarantee) offered with the set.
Did the negotiated price paid for the Ft-100 have any effect on the length to the guarantee?
Also were there any conditions or contractual arrangements in the guarantee?
Have you had any problems with the guarantee?

Please send your info to this page
However, should a members require confidentiality.

CONFIDENTIALLY
unless authorized, all information sent to my other email address at rodger@... will remain confidential
168 bit DES encryption available if requested - please send you certificate for exchanging purposes.

Yours truly

Paulus B Telfer

[Non-text portions of this message have been removed]

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# 11568. Re: 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 16:49:48 UTC
From: nb6i
Topic: 11536  Message: 11568

Yes the Yaesu CT-69 and the Heil AD-100-8 are equivalent parts. They
both have 6-pin modular jacks (RJ-11) going to male-DIN connectors
(round metal) and are wired specifically for the FT-100 radio.

You can see a picture of a Yaesu CT-69 here:
http://www.powerwerx.com/ft100.html

You can see the Heil AD-100-8 here:
http://www.heilsound.com/AD-1.htm

***

That part you got that has a modular plug and conections for a Heil
Pro microphone is called an AD-1-Y-Modular. It should have had an RJ-
45 (8-pin modular) connector and yellow plastic on the connectors;
other colors indicate wiring for other manufacturers.

This was the totally wrong part to buy. The 8-pin RJ-45 connectors
are usually found on Yaesu's Vertex line of commercial radios. The
only amateur model I can think of at the moment that uses the RJ-45
mic connection is the FT-900.

Bottom line is whoever consulted with you at AES gave you incorrect
advice. You are on the right track now.

73 de NB6I, Dennis

--- In FT100@y..., "Greg Williams" <k4hsm@k...> wrote:
> I did order the AD-100. But this one was an 8-pin modular on one
end, the
> PTT footswitch adapter and headphone jack on the other.
>
> Thats the part number that supposedly was ordered.
>
> I called back yesterday and ordered the CT-69. I hope this is it.
I
> returned the other part today. I hate having to pay for shipping
but it was
> only $1
>
> Greg Williams
> K4HSM

# 11569. FT100-Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-13 17:48:48 UTC
From: Louise&JanPieper
Topic: 11569  Message: 11569

Hi guys,
overhere in Holland I got 2 yrs warranty on my FT-100; in fact it was the second one, after being switched when the first one would not listen to what I was telling him, so dutch representative Schaart took it in, and gave me a brand new one. But also this one went back first into Techservices for the mods on fans and HSWR.
Now SWR goes up to 1 : 2.4 before it is limiting power, and fans are turning slowly on V/UHF-RX..
But, still a 2 yr written guarantee-period.
73, de PE1PMO, Jan.

[Non-text portions of this message have been removed]

# 11570. FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 00:07:12 UTC
From: radiobob300
Topic: 11570  Message: 11570

I just bought a new FT100D and ATAS - 100 and installed them on my Motor home which has an all metal roof. I followed the instructions and everything worked fine for about 30 minutes. I could press tune and the the radio and antenna seemed to be in perfect sync as I went from one band to another. Then when I went to 20 mtrs I got a hi SWR message. Going to any band even ones that worked fine now give the same message. I have measured the antenna with an MFJ SWR analayzer and the match is 1:1 or 1:5:1 worst case from 7 Mhz to 30 Mhz so I know that the antenna and ground are OK. Going to manual tune I notice that I could see the SWR dip on the FD-100, but as soon as I let up on the up or down button the antenna stops and reverses direction for about 1/2 inch which cause it to ALWAYS overshoot the true SWR dip. Now every time I push the TUN button the FT100D reports hi SWR and it take forever to manually zero in on the dip because I have to go past the dip each time as the antenna always travels in the opposite direction after I let up on the UP or Down button. Has anyone else had this problem? I took the antenna off the vehicle and mounted it on another ground plane with a new RG-8 coax and it did exactly the same thing. Since the antenna appears to have a good match across the full band, I think that the problem is somehow in the radio but I am not sure. Other HF antennas work fine with the radio but not the ATAS.

Thanks for any help.. Bob Ni6R

# 11571. LARA CROFT: TOMB RAIDER-FT100 SHOWING!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 01:01:50 UTC
From: AARON WINSKI
Topic: 11571  Message: 11571

ok, this is definately one for "you know you're a ham if...", but we
rented the movie lara croft tomb raider this weekend, primarily just
to see angelina jolee, but i noticed when she was in her specially outfitted
land rover discovery (about the 42 min 20 sec mark), that they at least
had good taste and installed an ft-100 radio center on the overhead console,
and an atas-100 antenna on the rear driver side corner. i of course
verified this, much to my wife's disgust, with the frame by frame on
my dvd player. obviously installed for all those tomb raiding dx-peditions!

--
AARON T. WINSKI, KB9FMC
DIRECTOR OF ENGINEERING, WPW BROADCASTING, INC.
E-MAIL: aaronwinski@...
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# 11572. Re: [FT100] LARA CROFT: TOMB RAIDER-FT100 SHOWING!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 01:48:50 UTC
From: Lee Devlin
Topic: 11571  Message: 11572

--- AARON WINSKI <aaronwinski@...> wrote:
> ok, this is definately one for "you know you're a
> ham if...", but we
> rented the movie lara croft tomb raider this
> weekend, primarily just
> to see angelina jolee, but i noticed when she was in
> her specially outfitted
> land rover discovery (about the 42 min 20 sec mark),
> that they at least
> had good taste and installed an ft-100 radio center
> on the overhead console,
> and an atas-100 antenna on the rear driver side
> corner. i of course
> verified this, much to my wife's disgust, with the
> frame by frame on
> my dvd player. obviously installed for all those
> tomb raiding dx-peditions!

Rainer Arndt called me last week from Sweden and he was reading me an excerpt from a Yaesu repair shop letter and they mentioned this too. Normally, in order to get your product to appear in a movie, you have to pay some firm a lot of money to do a 'product placement' for you. Often times, you'll notice that the products have much larger logos and other slight modifications that make them stand out. So, does anyone know whose FT100 it was? Any chance it belonged to a member of this list? An FT100/ATAS100 doesn't end up on a Land Rover in a movie by accident. Some clever marketing person had to put it there.

73,

Lee Devlin
Visit the FT100 FAQ at:
http://k0lee.com/ft100faq.html

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# 11573. RE: [FT100] Mods to Australian FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 01:31:58 UTC
From: Eric van de Weyer
Topic: 11561  Message: 11573

Hi Graeme,

I purchased mine about a month ago here in Sydney. It is actually a fairly old serial number being 9K12xxxx so manufactured in September '99. It had the copper earthing strips only.

I added the extra earthing strips today and also added a resistor so that the fans always run at a low speed and then will switch to high speed when transmitting. I find, generally, that it is much quicker to do these sort of things yourself rather than being without the rig for weeks whilst waiting for them to do it. You also know what sort of job you are getting.

73....Eric VK2KUR
-----Original Message-----
From: Graeme [mailto:Jolly_gee@...]
Sent: Sunday, January 13, 2002 10:53 AM
To: FT100@yahoogroups.com
Subject: [FT100] Mods to Australian FT-100s

This is to people who have purchased their FT-100
through the Australian supplier DSE.

Were the swr & fan mods done prior to purchase ?

If they weren't have you tried to get DSE to do them
and what was the result ?

Cheers
Graeme
VK3JUD

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# 11574. RE: [FT100] LARA CROFT: TOMB RAIDER-FT100 SHOWING!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 01:48:01 UTC
From: Greg Williams
Topic: 11571  Message: 11574

What's Lara Croft's Callsign???

Greg Williams
K4HSM

-----Original Message-----
From: AARON WINSKI [mailto:aaronwinski@...]
Sent: Sunday, January 13, 2002 8:02 PM
To: ft100@yahoogroups.com
Subject: [FT100] LARA CROFT: TOMB RAIDER-FT100 SHOWING!

ok, this is definately one for "you know you're a ham if...", but we
rented the movie lara croft tomb raider this weekend, primarily just
to see angelina jolee, but i noticed when she was in her specially outfitted
land rover discovery (about the 42 min 20 sec mark), that they at least
had good taste and installed an ft-100 radio center on the overhead console,
and an atas-100 antenna on the rear driver side corner. i of course
verified this, much to my wife's disgust, with the frame by frame on
my dvd player. obviously installed for all those tomb raiding dx-peditions!

--
AARON T. WINSKI, KB9FMC
DIRECTOR OF ENGINEERING, WPW BROADCASTING, INC.
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# 11575. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 02:41:03 UTC
From: John McClain
Topic: 11570  Message: 11575

Good grief, here is another SWR problem. You probably have the dreaded SWR problem that many of us have experienced. Mine was returned last week for replacement. If it, indeed, is the SWR problem, it is easily fixed by Yaesu but the turn around time is currently eight weeks. For this reason I returned mine to the distributor for replacement. Mine had a serial number beginning with 0D which means that it was built on February 2000 even though I purchased it a few days prior to Christmas 2001. Good luck.

John
K7SVV@...
----- Original Message -----
From: radiobob300
To: FT100@yahoogroups.com
Sent: Sunday, January 13, 2002 5:07 PM
Subject: [FT100] FT-100D & ATAS-100 problem

I just bought a new FT100D and ATAS - 100 and installed them on my Motor home which has an all metal roof. I followed the instructions and everything worked fine for about 30 minutes. I could press tune and the the radio and antenna seemed to be in perfect sync as I went from one band to another. Then when I went to 20 mtrs I got a hi SWR message. Going to any band even ones that worked fine now give the same message. I have measured the antenna with an MFJ SWR analayzer and the match is 1:1 or 1:5:1 worst case from 7 Mhz to 30 Mhz so I know that the antenna and ground are OK. Going to manual tune I notice that I could see the SWR dip on the FD-100, but as soon as I let up on the up or down button the antenna stops and reverses direction for about 1/2 inch which cause it to ALWAYS overshoot the true SWR dip. Now every time I push the TUN button the FT100D reports hi SWR and it take forever to manually zero in on the dip because I have to go past the dip each time as the antenna always travels in the opposite direction after I let up on the UP or Down button. Has anyone else had this problem? I took the antenna off the vehicle and mounted it on another ground plane with a new RG-8 coax and it did exactly the same thing. Since the antenna appears to have a good match across the full band, I think that the problem is somehow in the radio but I am not sure. Other HF antennas work fine with the radio but not the ATAS.

Thanks for any help.. Bob Ni6R

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# 11576. Re: [FT100] LARA CROFT: TOMB RAIDER-FT100 SHOWING!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 05:28:06 UTC
From: Pres Waterman
Topic: 11571  Message: 11576

> What's Lara Croft's Callsign???

uh, WB2ABE?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11577. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 05:29:20 UTC
From: Lee Devlin
Topic: 11570  Message: 11577

--- radiobob300 <radiobob300@...> wrote:
...Going to
> manual tune I
> notice that I could see the SWR dip on the FD-100,
> but as soon as I
> let up on the up or down button the antenna stops
> and reverses
> direction for about 1/2 inch which cause it to
> ALWAYS overshoot the
> true SWR dip. Now every time I push the TUN button
> the FT100D
> reports hi SWR and it take forever to manually zero
> in on the dip
> because I have to go past the dip each time as the
> antenna always
> travels in the opposite direction after I let up on
> the UP or Down
> button.

It does sound like you have the SWR issue with your rig and it would be best to fix that before trying to figure out what, if anything, might be wrong with the antenna. Beware using the manual tune and auto tune functions together. It's explained in the FAQ, but basically the FT100 remembers where it got its last good autotune postion and it uses this information to determine which direction it needs to move next time you request another autotune. HOWEVER, if you use the manual tune buttons and then attempt to autotune, it will move in the direction that you moved it during the most recent manual tune. If this happens, it can take off in the wrong direction and it will go all the way against the stop, reverse direction, and then go in the correct direction to get a match. This takes a long time. You can abort the procedure if you notice it's happening.

You mentioned in your message that after you leave go of the manual tune button, it REVERSES direction and moves ANOTHER HALF INCH in the other direction!? That has never been reported before and may indicate a more serious problem with the ATAS100 or the radio. The manual tune buttons are only supposed to move the antenna while you are holding them down. If the antenna continues to move after you've let up on them,

then that would indicate something is really amiss in
the antenna or the portion of the radio that controls
the antenna.

All this is explained in detail in the FAQ and there
is more information on the ATAS100 than on virtually
any other subject.

73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 11578. Screw holder for separation kit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 06:07:38 UTC
From: Lee Devlin
Topic: 11570  Message: 11578

Eric sent this message to the list and attempted to attach a file but the list doesn't allow attachments because they can carry viruses. I put the image he refers to below on my web site at:

http://k0lee.com/ft100screws.jpg

> Hi everyone,
>
> I recall a short time back, someone mentioned the problem of the screws for
> the extension kit when the kit is not being used.
>
> I have set up my FT100D to operate normally in my car where I use the
> extension kit with the radio mounted under the front passenger's seat with
> the head mounted on the dash. I do, however, also have a bracket for it in
> my wife's van where it is not using the extension kit so I had the problem
> of working out where to put the two screws which hold the extension cable to
> the radio.
>
> Upon investigation of the unit whilst I had it open installing the earthing
> mod and a resistor so the fans run continuously at low speed, I noticed that
> there is a bit of room behind the plastic front near the microphone
> connector. I drilled and tapped two small holes into the plastic either side
> of the cable entry for the mic cable which goes out the bottom (not the one

> coming out the side) and screw the two screws into
these when they
are not
> holding the connector in. Below is a small picture
of the mod with
one screw
> (left) screwed all the way in whilst the other is
part way in.
>
> The holes are drilled at an angle so that the screws
can be
inserted or
> removed with a screwdriver at an angle to the case.
>
> 73....Eric VK2KUR
>

_____
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# 11579. TOMRAIDER YAESU PROPS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 13:17:22 UTC
From: daveg7tcm
Topic: 11579  Message: 11579

There was a lot of Yaesu kit used, all from Yaesu UK, as "product placement".If you look closely at the scenes in the "tech Room" of Croft Manor, you might be able to see a whole corner of FT1000's, FT847's, FT100's, Yaesu power supplies and some Yaesu marine kit. It was all powered up with arbituary frequencies set. In fact, I spent a few minutes making sure no amateur frequencies were used! It was all taken care of by props dept.You will certainly need to use DVD as I don't think any of the kit was particularly featured in any shots and indeed may just be in the background and out of focus. It was a good movie to work on from a technical point of view, shame it wasn't better received by the critics!!!

# 11580. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 06:46:59 UTC
From: robert blumenkranz
Topic: 11570  Message: 11580

Could you please expain in a bit more detail exactly
what the SWR problem is and how it affects the
operation of the radio? How do you know you have the
problem?

When I tune manually, I can see the SWR dip but if I
stop the UP or Down motion the antenna physically will
move back in the opposite direction just enough to
throw off the SWR dip way off resonance. If I go past
the dip far enough, and let go of the up or down
button, I eventually can get the SWR to land on the
low SWR point but it takes a lot of juggling the
UP/Down button with the overshoot problem, to make it
land on 1:1 on most bands.

The SWR overshoot only accurs after I release either
the up or down button when using manual tune. In
auto-tune it never lands on the dip. It will usually
stop at a point below the dip. I then have to use the
up button to overshoot the dip so that when it goes in
the other direction it will land on resonance.

After auto tuning, I get a high SWR Icon with a "0"
in it not the "X" that is shown in the manual. I only
get the "X" after I try to key up while the radio is
off resonance.

Having never seen any other FT100's I do not know how
the ATAS anntenna is supposed to respond to the SWR
dip.

Since there is circuitry in both the radio and the
antenna, I cannot tell for sure which one has the
problem. I may have to return both units to the dealer
as I just bought them yesterday.

It worked fine for the first 30 minutes!!!!
Thanks,
Bob Ni6r
--- John McClain <digi2@...> wrote:
> Good grief, here is another SWR problem. You
> probably have the dreaded SWR problem that many of
> us have experienced. Mine was returned last week
> for replacement. If it, indeed, is the SWR problem,
> it is easily fixed by Yaesu but the turn around time
> is currently eight weeks. For this reason I

> returned mine to the distributor for replacement.
> Mine had a serial number beginning with 0D which
> means that it was built on February 2000 even though
> I purchased it a few days prior to Christmas 2001.
> Good luck.
>
> John
> K7SVV@...
> ----- Original Message -----
> From: radiobob300
> To: FT100@yahoogroups.com
> Sent: Sunday, January 13, 2002 5:07 PM
> Subject: [FT100] FT-100D & ATAS-100 problem
>
>
> I just bought a new FT100D and ATAS - 100 and
> installed them on my
> Motor home which has an all metal roof. I followed
> the instructions
> and everything worked fine for about 30 minutes. I
> could press tune
> and the the radio and antenna seemed to be in
> perfect sync as I went
> from one band to another. Then when I went to 20
> mtrs I got a hi SWR
> message. Going to any band even ones that worked
> fine now give the
> same message. I have measured the antenna with an
> MFJ SWR analayzer
> and the match is 1:1 or 1:5:1 worst case from 7
> Mhz to 30 Mhz so I
> know that the antenna and ground are OK. Going to
> manual tune I
> notice that I could see the SWR dip on the FD-100,
> but as soon as I
> let up on the up or down button the antenna stops
> and reverses
> direction for about 1/2 inch which cause it to
> ALWAYS overshoot the
> true SWR dip. Now every time I push the TUN button
> the FT100D
> reports hi SWR and it take forever to manually
> zero in on the dip
> because I have to go past the dip each time as the
> antenna always
> travels in the opposite direction after I let up
> on the UP or Down
> button. Has anyone else had this problem? I took
> the antenna off the
> vehicle and mounted it on another ground plane

> with a new RG-8 coax
> and it did exactly the same thing. Since the
> antenna appears to have
> a good match across the full band, I think that
> the problem is
> somehow in the radio but I am not sure. Other HF
> antennas work fine
> with the radio but not the ATAS.
>
> Thanks for any help.. Bob Ni6R
>
>
>
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>
>
> Post message: FT100@yahoogroups.com
> Subscribe:
> FT100-subscribe@yahoogroups.com
> Unsubscribe:
> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
>
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
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>
>
>
> [Non-text portions of this message have been
> removed]
>
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>

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# 11581. S.O.S.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 07:46:53 UTC
From: agzol@tm.net.my
Topic: 11581  Message: 11581

Hi there

My FT100 gave me a problem two days ago.
The standby current is a whooping 10A, and the casing
was very hot

It still can receive on any band, and the knobs and
button are still functioning as what they are for.

There are two power transistor ( white colored body from
Motorola) which runs really hot.

I dont have the service manual to refer to...but I just
want to know if there are any one of you gentlemen
out there had experienced the same problem.

73s de 9W2AC

SOS......anything that I have to do beside sending the rig
to Yaesu

Download NeoPlanet at http://www.neoplanet.com

# 11582. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 11:22:22 UTC
From: Jeff kb2m
Topic: 11570  Message: 11582

>...Going to manual tune I notice that I could see the SWR dip on the FD-100,
> but as soon as I let up on the up or down button the antenna stops
> and reverses direction for about 1/2 inch.

Does the Antenna icon on the radio indicate that it is going in the other direction?

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 11583. Re: [FT100] S.O.S.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 13:49:06 UTC
From: Lee Devlin
Topic: 11581  Message: 11583

--- agzol@... wrote:
> My FT100 gave me a problem two days ago.
> The standby current is a whooping 10A, and the
> casing
> was very hot

It sounds as if you have an internal short. The power consumption on recieve should only be around 1.2A.

> SOS......anything that I have to do beside sending
> the rig
> to Yaesu

It doesn't sound like a problem that has been reported here, but you must have something wrong internally that definitely needs some factory attention. I'd suggest shipping it off for repair. When you get it back, it would be good to let us know what part was shorted.

73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 11584. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-14 14:15:46 UTC
From: Lee Devlin
Topic: 11570  Message: 11584

--- robert blumenkranz <radiobob300@...> wrote:
> Could you please expain in a bit more detail exactly
> what the SWR problem is and how it affects the
> operation of the radio? How do you know you have the
> problem?

It has been covered here on many occasions, so we've put it in the FAQ. Basically, it means that the internal grounding isn't working. It also causes a type of internal self-oscillation which makes the SWR sense cirtuit think you have an SWR problem even when you have a good match. The most commonly affected frequencies are the upper HF band around 10M, but it's also been seen on 440 and a few other HF bands. FMI, see: http://k0lee.com/ft100faq.html#intermittent

And make sure to follow the links to see the pictures.

> When I tune manually, I can see the SWR dip but if I
> stop the UP or Down motion the antenna physically
> will
> move back in the opposite direction just enough to
> throw off the SWR dip way off resonance. If I go
> past
> the dip far enough, and let go of the up or down
> button, I eventually can get the SWR to land on the
> low SWR point but it takes a lot of juggling the
> UP/Down button with the overshoot problem, to make
> it
> land on 1:1 on most bands.

This is a new problem that has never, to my recollection, been reported before. The up/down manual buttons should only move the antenna when you have them pressed in. To tune the antenna manually, you depress the PTT on the mic and the up/down buttons on the FRONT of the radio. Make sure to confirm this by watching the antenna, not just the antenna motion icon on the front panel.

The circuitry inside the ATAS100 is pretty simple, so if the antenna continues to move after you've let go of the buttons, it sounds like its more likely the radio isn't working correctly. The motion of the ATAS is dependent on the DC voltage that is present on the coax. If you let go of the up/down buttons and the

antenna actually reverses direction, the only thing I can think of is that the circuit that is controlling it inside the rig is confused. This *might* be related to the SWR/grounding issue, but it could be something new all together. The failure mode for the ATAS is for it to stop moving all together.

73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 11586. RE: [FT100] FT100-Guarantee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 01:14:54 UTC
From: freddo
Topic: 11569  Message: 11586

Same in Canada as US, 1 year guarantee...

Fred VA3FD

[Non-text portions of this message have been removed]

# 11587. mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 02:11:32 UTC
From: k6fn2000
Topic: 11587  Message: 11587

My new FT100 works very nice but once installed in my GMC pickup the spark plug noise makes it almost unusable.. Ive tried grounding, a LC unit in the power leads, checked the fuel pump and determined thats its definately spark noise.. any help ? thanks 73 jerry k6fn

# 11588. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 02:43:34 UTC
From: Lee Boulineau
Topic: 11587  Message: 11588

Resistor plugs and/or cables can do the trick, but the coil can act like an old spark transmitter. First of all, pull the spark plugs and clean and gap them, and don't forget to clean the grime off the threads on the plugs and the cylinder head. If that works, consider new plugs and cables - the dielectric in spark plug cables can go south due to the heat. Next, I would take 10 feet of coax and solder a loop of hookup wire to the end and use the loop of wire as a sniffer to determine whether the coil is putting out a lot of RF. If so, a new coil wire AND a capacitor across the primary lead to ground may be needed, BUT BE SURE TO CHECK WITH GM BEFORE YOU DO THIS - it can disrupt/destroy a computerized ignition. I am assuming you have a gas engine and not a diesel - if it's a diesel, your guess is as good as mine. Also, you might make a Faraday cage out of copper sheeting, aluminum foil, or even a large coffee can and ground it and place it over the coil as a test - if the noise disappears, you've found your source. And don't forget your engine computer - they can put out a lot of hash too. Hope this helps!!!

--- k6fn2000 <k6fn2000@...> wrote:
> My new FT100 works very nice but once installed in
> my GMC pickup the
> spark plug noise makes it almost unusable.. Ive
> tried grounding, a LC
> unit in the power leads, checked the fuel pump and
> determined thats
> its definately spark noise.. any help ? thanks 73
> jerry k6fn
>
>
>

_____
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# 11589. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 04:40:49 UTC
From: robert blumenkranz
Topic: 11570  Message: 11589

I am going to check that out. I did not realize that
the Icon is telling antenna movement direction.

I talked to Andy today at Yaesu and he suggested
putting a "T" in the line to measure the control
voltage being sent to the antenna, so that I can test
to see if the antenna is being told to go back by the
radio. Andy also suggested trying BOTH reset commands
first.

Apparently the antenna gets 12 volts going up and 8
volts when going down. It is supposed to stop when you
lift off the UP/down button but in my case that is not
happening. The overshoot can clearly be seen.

Thanks,
Bob Ni6r
--- Jeff kb2m <kb2wqm@...> wrote:
> >...Going to manual tune I notice that I could see
> the SWR dip on the FD-100,
> > but as soon as I let up on the up or down button
> the antenna stops
> > and reverses direction for about 1/2 inch.
>
> Does the Antenna icon on the radio indicate that it
> is going in the other direction?
>
> 73 Jeff kb2m
>
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 11590. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 05:05:26 UTC
From: The Simpsons
Topic: 11587  Message: 11590

On previous vehicles I have used, a major improvement was made when ground straps were placed across all engine mounts. If there is a separate subframe supporting the suspension and body, strap across those mounts as well. Also, if the coil was not mounted on the engine itself, then moving it there also helps. Not easy in a crowded engine bay.
With my present vehicle, I have no noise at all. On 14MHz, the s meter on the ft100 stays at zero except for noise external to the vehicle, with the noise blanker off. I have a 3.1 litre turbo Diesel powered Isuzu Trooper 3 door with the antenna mounted on the back door spare wheel carrier. I was concerned about fuel pump and computer noise but there isn't any.
Before moving anything on a modern vehicle, it would pay to check with the manufacturer to check it won't upset any of the electronic control systems. Could be expensive.
Good luck,
Grant, ZL2BK.

----- Original Message -----
From: "k6fn2000" <k6fn2000@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 15, 2002 3:11 PM
Subject: [FT100] mobile RFI

> My new FT100 works very nice but once installed in my GMC pickup the
> spark plug noise makes it almost unusable.. Ive tried grounding, a LC
> unit in the power leads, checked the fuel pump and determined thats
> its definately spark noise.. any help ? thanks 73 jerry k6fn

# 11591. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 06:41:32 UTC
From: Pres Waterman
Topic: 11587  Message: 11591

> With my present vehicle, I have no noise at all. On 14MHz, the s meter on
> the ft100 stays at zero except for noise external to the vehicle, with the
> noise blanker off. I have a 3.1 litre turbo Diesel powered Isuzu Trooper 3
> door with the antenna mounted on the back door spare wheel carrier. I was

Gee, with a Diesel that's not much of a surprise. Next time a Ford Taurus or Explorer or F-250 pulls up next to you watch what happens. Welcome to our world.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11592. Re: mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 10:20:13 UTC
From: n9cv
Topic: 11587  Message: 11592

--- In FT100@y..., "k6fn2000" <k6fn2000@y...> wrote:
> My new FT100 works very nice but once installed in my GMC pickup
the
> spark plug noise makes it almost unusable.. Ive tried grounding, a
LC
> unit in the power leads, checked the fuel pump and determined thats
> its definately spark noise.. any help ? thanks 73 jerry k6fn

I know this is not going to help much, but I fought the same problems for months on an Chevy S10 blazer. Ground straps on the hood, doors, etc. New plugs gapped to the minimum, new ignition wires, new cap, rotor. I did not replace the coil. I even grounded the exhaust pipe in three places. Nothing helped in the least. Then one day I got in the car and all of the ignition noise disappeared. I have been waiting for it to return, but it has not. Maybe you just have to wait it out and it will go away on it's own.

I do still have a noise problem eminating from the automatic heater control. When I get fed up with it, I just turn off the heat ir air. If you do not find the problem, try a ClearSpeech (DSP) speaker. It fixed my problem in the interim until the noise went away on it's own. Now I do not need the ClearSpeech speaker, but I keep anyway.

Ken - N9CV

for PRES --> GO BEARS

# 11593. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 11:59:33 UTC
From: Lee Devlin
Topic: 11570  Message: 11593

--- robert blumenkranz <radiobob300@...> wrote:
> I am going to check that out. I did not realize that
> the Icon is telling antenna movement direction.

> --- Jeff kb2m <kb2wqm@...> wrote:
>
> > Does the Antenna icon on the radio indicate that
> it
> > is going in the other direction?

The antenna icon on my FT100 doesn't show which
direction the antenna is traveling. The antenna
animated icon is the same whether the antenna is
extending or retracting.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 11594. RE: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 12:16:24 UTC
From: n3jpu
Topic: 11587  Message: 11594

Magnacor KV-85's did wonders for my V-8 Land Rover engines spark noise. From S-7 with the NB on to S-0 with the NB off! That was with a IC-706 and the FT-100 was much less suseptible to it with it's NB. You must have a pretty health spark!!

http://www.magnecor.com/magnecor1/main.htm

-----Original Message-----
From: k6fn2000 [mailto:k6fn2000@...]
Sent: Monday, January 14, 2002 21:12
To: FT100@yahoogroups.com
Subject: [FT100] mobile RFI

My new FT100 works very nice but once installed in my GMC pickup the spark plug noise makes it almost unusable.. Ive tried grounding, a LC unit in the power leads, checked the fuel pump and determined thats its definately spark noise.. any help ? thanks 73 jerry k6fn

# 11595. RE: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 12:20:24 UTC
From: n3jpu
Topic: 11587  Message: 11595

Ever listen to what happens across the entire RX range of a FT-100 when
a bus with a Detroit Diesel pulls up near you??

-----Original Message-----
From: Pres Waterman [mailto:pres@...]
Sent: Tuesday, January 15, 2002 01:42
To: FT100@yahoogroups.com
Subject: Re: [FT100] mobile RFI

> With my present vehicle, I have no noise at all. On 14MHz, the s meter

> on the ft100 stays at zero except for noise external to the vehicle,
> with the noise blanker off. I have a 3.1 litre turbo Diesel powered
> Isuzu Trooper 3 door with the antenna mounted on the back door spare
> wheel carrier. I was

Gee, with a Diesel that's not much of a surprise. Next time a Ford
Taurus or Explorer or F-250 pulls up next to you watch what happens.
Welcome to our world.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11596. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 12:29:26 UTC
From: byrddawg
Topic: 11587  Message: 11596

Hey Jerry.....Get ahold of the RFI ARRL book by Ed Hare. It has a great chapter on mobile RFI problems. In the alternative, you can go to the ARRL website and access a great deal of information. These two sourrces of information really helped me. If your problem is radiated ignition noise, the only "sure" cure is to shield the entire ignition system (not a pleasant job).....73's, Paul, KD5KCZ

k6fn2000 wrote:

> My new FT100 works very nice but once installed in my GMC pickup the
> spark plug noise makes it almost unusable.. Ive tried grounding, a LC
> unit in the power leads, checked the fuel pump and determined thats
> its definately spark noise.. any help ? thanks 73 jerry k6fn
>
>
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>
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[Non-text portions of this message have been removed]

# 11597. Re: mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 17:27:06 UTC
From: backhoefade
Topic: 11587  Message: 11597

There are many excellent articles on noise "control". Here's my 2 cents worth - just some general observations that I've made in the work place. We design microwave radios which transmit digital traffic. We have to meet various RFI emission limits, some of which are the European ETSI standards which are generally the most stringent for commercial products. We are also faced with the challenge of minimizing RFI cross-talk between different circuits within the equipment. There are two fundamental types of "transfer mechanisms". One is "radiated emissions" and the other is "conducted emissions". You can determine if your "path" is radiated by simply disconnecting the antenna lead from the rig. If the noise (ignition or other) drops nicely then you know it's getting in via the radiated path. If you still see the problem after disconnecting the antenna then you know it's a conducted path which is more than likely via the DC power connection. It can be a combination of both "path" types although one usually clearly dominates.

Once you've determined the "path" then you need to attack the problem at the source. Save your receiver countermeasures for random external interferers and noise (i.e. external to the vehicle). If the path is radiated you really need to kill the problem at the source. You can use shielding, RFI suppression type plug wires and all the other suggested techniques in the literature. If you conclude that the path is conducted then you need to deploy filter solutions which provide attenuation at the receive frequencies of interest on the conducted path, be that the DC power leads or other physical connections to the rig.

This is all easy to yak about. It's when you open the hood, hit your head, ruin the shirt and scrape the third knuckle that things start getting interesting. Speech patterns take on a whole new simplified format (generally mono-syllabic) at that point. Noise is a nuisance but it also ensures employment in the communications work world.

N6AF Chas

> k6fn2000 wrote:
>
> > My new FT100 works very nice but once installed in my GMC pickup the
> > spark plug noise makes it almost unusable.. Ive tried grounding, a LC
> > unit in the power leads, checked the fuel pump and determined thats
> > its definately spark noise.. any help ? thanks 73 jerry k6fn
> >

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> > Post message: FT100@y...
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> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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>
> [Non-text portions of this message have been removed]

# 11598. Re: FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 18:29:39 UTC
From: morganquityesterday
Topic: 11570  Message: 11598

Has anyone considered "sticky" buttons. That wouldn't explain the
direction *reversal*, though.

Just a thought,

Turner WA4MQY

--- In FT100@y..., robert blumenkranz <radiobob300@y...> wrote:
> Apparently the antenna gets 12 volts going up and 8
> volts when going down. It is supposed to stop when you
> lift off the UP/down button but in my case that is not
> happening. The overshoot can clearly be seen.
>
> Thanks,
> Bob Ni6r
> _____
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# 11600. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 19:01:40 UTC
From: The Simpsons
Topic: 11587  Message: 11600

In this country, USA sourced vehicles are a rarity due mainly to our poor exchange rate. Also, the roads in my area are not very crowded (we don't even have traffic lights in my town (Blenheim) of about 20,000 people). The nearest town larger then here is 90 minutes drive away. On some roads, I can travel for 1 hour and not see another vehicle, though its summer here now so a number of tourists are on the roads. Most domestic vehicles are either Japanese or European. Large American trucks are popular (they're reliable and parts prices are reasonble) for freight haulage.
I have been lucky with the Isuzu and its lack of noise. My Toyota Diesel powered van is not so quiet. The instrument regulator proved difficult to suppress until I added small, about 5 microhenry, chokes inline with the dc feeds and bypassed to ground with 10nF capacitors. The chokes or capacitors on their own did nothing. The same with the windscreen wipers. Previous petrol powered vehicles have usually responded to bonding of everything quite well. The worst case some years ago required a metal cover to be built to cover all the ignition system, with screening of the leads as well.
Perhaps we need a group to discuss the trials and tribulations of vehicle suppression! It's almost a black art completely quitening some vehicles.
For a challenge, try suppressing an outboard motor on a fibreglass boat!!

Grant, ZL2BK.

----- Original Message -----
From: "n3jpu" <n3jpu@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, January 16, 2002 1:20 AM
Subject: RE: [FT100] mobile RFI

> Ever listen to what happens across the entire RX range of a FT-100 when
> a bus with a Detroit Diesel pulls up near you??
>
> -----Original Message-----
> From: Pres Waterman [mailto:pres@...]
> Sent: Tuesday, January 15, 2002 01:42
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] mobile RFI
>
>
>
> > With my present vehicle, I have no noise at all. On 14MHz, the s meter
>
> > on the ft100 stays at zero except for noise external to the vehicle,
> > with the noise blanker off. I have a 3.1 litre turbo Diesel powered
> > Isuzu Trooper 3 door with the antenna mounted on the back door spare
> > wheel carrier. I was
>

> Gee, with a Diesel that's not much of a surprise. Next time a Ford
> Taurus or Explorer or F-250 pulls up next to you watch what happens.
> Welcome to our world.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

# 11601. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 19:40:34 UTC
From: Pres Waterman
Topic: 11587  Message: 11601

> My new FT100 works very nice but once installed in my GMC pickup the
> spark plug noise makes it almost unusable.. Ive tried grounding, a LC
> unit in the power leads, checked the fuel pump and determined thats
> its definately spark noise.. any help ? thanks 73 jerry k6fn

As I have said repeatedly,go sit on your dealer's desk until he produces a factory rep, and then go sit on HIS head until he produces a fix.

Simply go above 30MHz ( like 35MHz AM ) to get around their stupid ( nothing below 30MHz ) disclaimer...

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11602. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 15:24:10 UTC
From: Ham_Tech@juno.com
Topic: 11602  Message: 11602

How much does LDG electronics sell the Z-11 ATU for??

What are the power input and output ratings?

Daniel

_____
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Juno offers FREE or PREMIUM Internet access for less!
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http://dl.www.juno.com/get/web/.

# 11603. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 21:11:29 UTC
From: Tom Griffin
Topic: 11602  Message: 11603

On Tue, 15 Jan 2002 15:24:10 +0000, you wrote about [FT100] (unknown):

>How much does LDG electronics sell the Z-11 ATU for??

http://www.w4rt.com/ <where I got mine> Daniel, there are various configurations. I bought the LDG Z-11 QRP ATU & One-Touch Tune TM "Package Deal" for $239.95 (+ $14.00 S&H)for my FT-817 - couldn't be happier. Browse Barry's site and you'll find lots of neat stuff.

No financial interest-just a satisfied customer!
>
>What are the power input and output ratings?

input: 0.1 to 60 watts (30 watts continuous)

73, Tom K4IIJ

# 11604. re ft100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 17:53:14 UTC
From: adi1936
Topic: 8934  Message: 11604

hi to every one on the group.
am i the only person on this group who has had no problems with there ft100,i have had mine from new and mine perform exalant(touch wood) the only thing that i have noticed is that the radio does get hot,but that is to be expected,i have had mine for allmost two years now and have no bad things to say about the radio.

# 11605. Re: [FT100] mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 21:22:46 UTC
From: Lee Boulineau
Topic: 11587  Message: 11605

Try noise suppression on my Harley-Davidson
Softail!!!!!

73 de N4MVL

Lee

--- The Simpsons <grant@...> wrote:
> In this country, USA sourced vehicles are a rarity
> due mainly to our poor
> exchange rate. Also, the roads in my area are not
> very crowded (we don't
> even have traffic lights in my town (Blenheim) of
> about 20,000 people). The
> nearest town larger then here is 90 minutes drive
> away. On some roads, I can
> travel for 1 hour and not see another vehicle,
> though its summer here now so
> a number of tourists are on the roads. Most domestic
> vehicles are either
> Japanese or European. Large American trucks are
> popular (they're reliable
> and parts prices are reasonble) for freight haulage.
> I have been lucky with the Isuzu and its lack of
> noise. My Toyota Diesel
> powered van is not so quiet. The instrument
> regulator proved difficult to
> suppress until I added small, about 5 microhenry,
> chokes inline with the dc
> feeds and bypassed to ground with 10nF capacitors.
> The chokes or capacitors
> on their own did nothing. The same with the
> windscreen wipers. Previous
> petrol powered vehicles have usually responded to
> bonding of everything
> quite well. The worst case some years ago required a
> metal cover to be built
> to cover all the ignition system, with screening of
> the leads as well.
> Perhaps we need a group to discuss the trials and
> tribulations of vehicle
> suppression! It's almost a black art completely
> quitening some vehicles.
> For a challenge, try suppressing an outboard motor
> on a fibreglass boat!!
>

> Grant, ZL2BK.
>
> ----- Original Message -----
> From: "n3jpu" <n3jpu@...>
> To: <FT100@yahoogroups.com>
> Sent: Wednesday, January 16, 2002 1:20 AM
> Subject: RE: [FT100] mobile RFI
>
>
> > Ever listen to what happens across the entire RX
> range of a FT-100 when
> > a bus with a Detroit Diesel pulls up near you??
> >
> > -----Original Message-----
> > From: Pres Waterman [mailto:pres@...]
> > Sent: Tuesday, January 15, 2002 01:42
> > To: FT100@yahoogroups.com
> > Subject: Re: [FT100] mobile RFI
> >
> >
> >
> > > With my present vehicle, I have no noise at all.
> On 14MHz, the s meter
> >
> > > on the ft100 stays at zero except for noise
> external to the vehicle,
> > > with the noise blanker off. I have a 3.1 litre
> turbo Diesel powered
> > > Isuzu Trooper 3 door with the antenna mounted on
> the back door spare
> > > wheel carrier. I was
> >
> > Gee, with a Diesel that's not much of a surprise.
> Next time a Ford
> > Taurus or Explorer or F-250 pulls up next to you
> watch what happens.
> > Welcome to our world.
> >
> > Thanks
> >
> > Pres Waterman, W2PW
> > c/o 112 Motors, LLC
> > Long Island Ford, Kia and Used Dealer
> >
> > GO BILLS!
>
>
>
>

---
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# 11606. computer cw on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 15:51:44 UTC
From: bob54751
Topic: 11606  Message: 11606

Folks,
I am stuck out here in Azerbaijan and working as 4K0RF. I have my laptop and FT-100 with me and am trying to key the rig via my computer. Anybody have any schematics or ideas on how to connect the LPT port of the computer to the key jack?
Thanks

# 11607. ant icon

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 18:36:07 UTC
From: Jeff kb2m
Topic: 11607  Message: 11607

My FT100 has three different Icon's for the antenna tune function. One has a picture of the antenna all the way down, the next picture has it in the middle, third picture has it at the top. It the antenna is moving up , rig display's the picture all the way down, then in the middle, then at the top, it then skips the middle one and start's at the bottom again. This gives the impression that the antenna is moving up. When it is moving down it display's the top, middle , then down, then skips the middle and does top middle , down, giving the impression that the antenna is moving down. It work's so well that I can see while driving, which direction the antenna is moving.
I had brought this up to begin with , to see if the problem was with the radio or the ATAS, thinking that perhaps the Icon movement was an indication the problem was with the radio. My FT-100 has a mid 2001 build date.

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 11608. PSK-31 and Clear Speech

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 22:05:02 UTC
From: James Carmody
Topic: 11608  Message: 11608

First, how does the FT-100D work on PSK? Any tricks?
How much power is safe?

Second, I have tried the effect of the Clear Speech
Speaker next to the effect of the DNR feature on the
Yaesu. The CSS blows it away, no contest.

73, Jim/nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

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# 11609. Re: [FT100] re ft100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 01:30:39 UTC
From: Howard Cunningham
Topic: 8934  Message: 11609

Hi

My works fine (FT100) that I bought used....

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@macrollc.com

>>> "adi1936" <adi1936@...> 01/15/02 12:53PM >>>
hi to every one on the group.
am i the only person on this group who has had no problems with there
ft100,i have had mine from new and mine perform exalant(touch wood)
the only thing that i have noticed is that the radio does get hot,but
that is to be expected,i have had mine for allmost two years now and
have no bad things to say about the radio.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11610. Re: [FT100] computer cw on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 02:06:24 UTC
From: Rich Gort
Topic: 11606  Message: 11610

Download CWTYPE from www.dxsoft.com/micwtype.htm It is a very nice CW Keyboard program and contains schematics for connection to the LPT and/or COM ports of a PC. I made the LPT circuit in a 25 pin hood and it works like a charm.
Rich W7JVL Lake Stevens, WA

On Tue, 15 Jan 2002, bob54751 wrote:

> Folks,
> I am stuck out here in Azerbaijan and working as 4K0RF. I have
> my laptop and FT-100 with me and am trying to key the rig via my
> computer. Anybody have any schematics or ideas on how to connect
> the LPT port of the computer to the key jack?
> Thanks
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 11611. Re: mobile RFI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 03:10:24 UTC
From: backhoefade
Topic: 11587  Message: 11611

FCC Part 15 requires that electronic devices not emit unintentional RF radiation above a specified level. We have an outdoor test range for this measurement. Just for kicks one afternoon we had one of the techs drive his Yamaha RD400 (electronic ignition) onto the test range. That thing was more than 20 dB out of spec. Heard he got pulled over by the FCC on the way home that night.

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> Try noise suppression on my Harley-Davidson
> Softail!!!!!
>
> 73 de N4MVL
>
> Lee

# 11612. Re: PSK-31 and Clear Speech

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 04:09:48 UTC
From: joates_48323
Topic: 11608  Message: 11612

Hi Jim,

PSK works great on the FT-100D. I usually run 20 watts but have
boosted it up to 100 watts when 80 meters was in bad shape.

I agree about the clear speech speaker. I use it as an extension to
make the audio cable reach my mike input on my laptop. If you do
that, make sure the switch is off or you won't copy anything.

73 - Joe KB8BO
--- In FT100@y..., James Carmody <carmody@l...> wrote:
> First, how does the FT-100D work on PSK? Any tricks?
> How much power is safe?
>
> Second, I have tried the effect of the Clear Speech
> Speaker next to the effect of the DNR feature on the
> Yaesu. The CSS blows it away, no contest.
>
> 73, Jim/nn5o
>
> =====
> James A. Carmody, nn5o, carmody@l...
> Voice Mail: 713 446 4234; eFax: 815 461 5321
>
> _____
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# 11613. what FT100 problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 03:27:15 UTC
From: bob frick
Topic: 11613  Message: 11613

Hi to the group,
I've had my FT-100 for over two years and havent had a
problem. I used it for one year in EL2 land as my primary (and only) rig . Run RTTY/PSK/SSB in conjunction with writelog software and CW if PK232. M only problem is this darn cw interface circuit, hence the Pk232.
Will be mounting it in my mobile this summer when I get home so I guess that is when the fun starts.
Bob (N3NGC - 4K0RF)
ex-J28BM, A92GD, EL2RF and BY4/N3NGC)

[Non-text portions of this message have been removed]

# 11614. Z-11

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-15 23:58:29 UTC
From: Ham_Tech@juno.com
Topic: 11614  Message: 11614

Thank you to those that answered my email on the Z-11.

daniel

_____
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# 11615. Re: [FT100] computer cw on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 13:34:32 UTC
From: robert blumenkranz
Topic: 11606  Message: 11615

Use VOX mode if you have it with your HF transceiver
while in the SSB mode. This allow you to use a tone to
key the transmitter on CW with a free program like
hamscope. Full break in is possible with no hardware
connection to the rig.
73 ni6r
--- bob54751 <bobndeb@...> wrote:
> Folks,
> I am stuck out here in Azerbaijan and working as
> 4K0RF. I have
> my laptop and FT-100 with me and am trying to key
> the rig via my
> computer. Anybody have any schematics or ideas on
> how to connect
> the LPT port of the computer to the key jack?
> Thanks
>
>
>

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# 11616. No problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 13:29:41 UTC
From: John Walker
Topic: 11616  Message: 11616

I've had mine for over two years and worked all contest phone & cw mobile
and base..202 DXCC countries with the atas 100.
Enough said .

73 de N1QXV
John

----Original Message Follows----
From: "adi1936" <adi1936@...>
Reply-To: FT100@yahoogroups.com
To: FT100@yahoogroups.com
Subject: [FT100] re ft100
Date: Tue, 15 Jan 2002 17:53:14 -0000

hi to every one on the group.
am i the only person on this group who has had no problems with there
ft100,i have had mine from new and mine perform exalant(touch wood)
the only thing that i have noticed is that the radio does get hot,but
that is to be expected,i have had mine for allmost two years now and
have no bad things to say about the radio.

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

# 11617. simplex repeater on FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 18:47:12 UTC
From: Pres Waterman
Topic: 11617  Message: 11617

I would like to have a simplex repeater ( the Radio Shack mini one )
connected to my FT100.

The Radio Shack unit is expecting to plug into an HT, so it has a mini-phone
plug for speaker audio INTO the repeater. It has a submini phone plug to
connect to an HT mic socket. It drives the mic by providing resistance
across the mic "hot" connector for PTT purposes, in a modern 2-wire fashion.

What does the FT100 need to be connected properly?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11618. Re: PSK-31 and Clear Speech

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-17 01:11:44 UTC
From: kg4fet
Topic: 11608  Message: 11618

--- In FT100@y..., James Carmody <carmody@l...> wrote:
> First, how does the FT-100D work on PSK? Any tricks?
> How much power is safe?

I can give you both hints and best/safest PO. First the PO. Try to keep the PO to around 50 watts or less. There are some who are inconsiderate of others and willpush it to 100 watts in PSK and will destroy the Bandpass for everyone else and generally make everyone else on the band miserable with a WIDE, Dirty signal. Some do it without realizing it and some do it without caring about anybody else in a QSO.. Kind of a soap box subject with me so I'll stop now before I pis* someone off.

Now on to the hints. Use SSB either upper or lower depending on the band for PSK, HELL, MFSK ect. DO NOT use the Digital mode. I do not use the ALC meter as a referance on my rig it is all but worthless. With a reading of 4 bars the IMD is terrible and I pride myself onhaveing a clean signal. Use the AFSK level adjustment in the rig's function menu # 28 to clean up the signal. In my FT 100 the level varies and always has from band to band so I vary the level from 13-17. I can help you out on just about anything dealing with running SC digital on the FT 100 as I have been doing it for over 2 years now and have run just about every PSK and multi-moded sodftware out there over that period of time, so please feel free to email me direct for help or with any questions you might have (this goes for anybody by the way) and I will be glad to help.
>
> Second, I have tried the effect of the Clear Speech
> Speaker next to the effect of the DNR feature on the
> Yaesu. The CSS blows it away, no contest.
>
> 73, Jim/nn5o
>
Now on to the Clear Speech subject. I have not had the money to play with one of these but I am happy as heck with the FT 100's DSP and intermod rejection that I have never even considered the need for one.
73 and All the best to you and yours
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 11619. Re: No problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 16:32:45 UTC
From: cockofromaol
Topic: 11616  Message: 11619

--- In FT100@y..., "John Walker" <N1QXV@h...> wrote:
> I've had mine for over two years and worked all contest phone & cw
mobile
> and base..202 DXCC countries with the atas 100.
> Enough said .
>
> 73 de N1QXV
> John
>
>
> ----Original Message Follows----
> From: "adi1936" <adi1936@y...>
> Reply-To: FT100@y...
> To: FT100@y...
> Subject: [FT100] re ft100
> Date: Tue, 15 Jan 2002 17:53:14 -0000
>
> hi to every one on the group.
> am i the only person on this group who has had no problems with
there
> ft100,i have had mine from new and mine perform exalant(touch wood)
> the only thing that i have noticed is that the radio does get
hot,but
> that is to be expected,i have had mine for allmost two years now and
> have no bad things to say about the radio.

That makes you guys the "lucky few". Call us when the copper tape lifts and its in self oscillation. Anyway, the radios are great but do the fan mod (at least)if its getting hot dude, not a good sign with these rigs. Regards.. Richy N2ZD

# 11620. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 17:23:57 UTC
From: cockofromaol
Topic: 11620  Message: 11620

Hi Rich here, offering this stuff to my fellow FT100 affectionados first.

Changing radios here so my FT100 WITH fan and swr mod is up for sale (serial 9E).500hz cw and AM filter installed,fts decode installed,hi stability osc installed,dtmf hand mic. I can demo this rig on any band so call it and I will be there. The rig is in nice shape and sounds awesome on the air. In fact it sounds so good that Yaesu USA sent a covert operative to my house to see why. I think it may have been Lara Croft..
I have the original box and the stuff it came with when new. $700 shipped with all internal accessories listed above.

I also have an ATAS100 for sale with the original box. Both work FB but the wife picked me up a new rig (TS-2000 silver box version) for the car so they are not needed anymore ( Rule #1 never say no when the wife buys you ham gear!!.) I will take $220 shipped for the ATAS

In addition, I have all of the options available, separation kit,quick release bracket,modem cable, data cable, swivel mount for the head unit.. If you want a super package deal let me know as I wont sell any off the accessories until the rig is sold.

Please email ss409ss@... Tnx Richy N2ZD

# 11621. ft100 stuff F/S

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 17:24:40 UTC
From: cockofromaol
Topic: 11621  Message: 11621

Hi Rich here, offering this stuff to my fellow FT100 affectionados first.

Changing radios here so my FT100 WITH fan and swr mod is up for sale (serial 9E).500hz cw and AM filter installed,fts decode installed,hi stability osc installed,dtmf hand mic. I can demo this rig on any band so call it and I will be there. The rig is in nice shape and sounds awesome on the air. In fact it sounds so good that Yaesu USA sent a covert operative to my house to see why. I think it may have been Lara Croft..
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In addition, I have all of the options available, separation kit,quick release bracket,modem cable, data cable, swivel mount for the head unit.. If you want a super package deal let me know as I wont sell any off the accessories until the rig is sold.

Please email ss409ss@... Tnx Richy N2ZD

# 11622. Stereo Pin

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 17:27:11 UTC
From: bed143
Topic: 11622  Message: 11622

I am at my office and don't have access to my manual. What is the size of the mini stereo pin (for the CW key)? Thanks and 73's Dennis

# 11623. Re: [FT100] computer cw on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 18:52:11 UTC
From: Jeff Elliott
Topic: 11606  Message: 11623

Hi, You Just Use The FT 100 software. Plug the radio antenna tuner lead into the standard lead supplied (by Yaesu)into the serial com port on the PC and another switching lead into another com port, (but of corse you must be using a good software programme that has this facility) ... Jeff --- Robert blumenkranz wrote: Use VOX mode if you have it with your HF transceiver
while in the SSB mode. This allow you to use a tone to
key the transmitter on CW with a free program like
hamscope. Full break in is possible with no hardware
connection to the rig.
73 ni6r
--- bob54751 wrote:
> Folks,
> I am stuck out here in Azerbaijan and working as
> 4K0RF. I have
> my laptop and FT-100 with me and am trying to key
> the rig via my
> computer. Anybody have any schematics or ideas on
> how to connect
> the LPT port of the computer to the key jack?
> Thanks
>
>
>

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Music Charts http://uk.my.yahoo.com

# 11624. Re: [FT100] No problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-16 18:55:40 UTC
From: Jeff Elliott
Topic: 11616  Message: 11624

Hi' I also have had some problems with the ft100 but on the whole it is a fab radio!!! --- John Walker wrote: I've had mine for over two years and worked all contest phone & cw mobile
and base..202 DXCC countries with the atas 100.
Enough said .

73 de N1QXV
John

----Original Message Follows----
From: "adi1936"
Reply-To: FT100@yahoogroups.com
To: FT100@yahoogroups.com
Subject: [FT100] re ft100
Date: Tue, 15 Jan 2002 17:53:14 -0000

hi to every one on the group.
am i the only person on this group who has had no problems with there
ft100,i have had mine from new and mine perform exalant(touch wood)
the only thing that i have noticed is that the radio does get hot,but
that is to be expected,i have had mine for allmost two years now and
have no bad things to say about the radio.

_____
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11625. Re: [FT100] Stereo Pin

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-17 06:11:37 UTC
From: Pres Waterman
Topic: 11622  Message: 11625

> I am at my office and don't have access to my manual. What is the
> size of the mini stereo pin (for the CW key)? Thanks and 73's Dennis

It's called "mini stereo"

I'm not kidding.

Also look for 3.5mm or 1/8" stereo. But the word "mini" is accurate

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11626. FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 00:18:43 UTC
From: signup
Topic: 11626  Message: 11626

Well, I finally heard from Yaesu today about my FT-100 ... $550.00 to replace the PA .. Radio has less than 100 hours on it .. Used it mobile with the ATAS-100 ... So I am in a quantra as to what to do .. repair it or go buy an IC-706MkII ..

Bummer day ... This is the first new Yaesu radio I have ever owned ... Not sure I want to own anymore ...

/lee - kr5f
Have we Qso'd - Find out at www.kr5f.com

[Non-text portions of this message have been removed]

# 11627. RE: [FT100] PSK-31 and Clear Speech

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 04:18:37 UTC
From: Tom Tishken KD4WOV
Topic: 11608  Message: 11627

Use about 5 to 10 watts. I have used 100 watts but you will get some real nasty contacts telling you to lower your power.

-----Original Message-----
From: James Carmody [mailto:carmody@...]
Sent: Tuesday, January 15, 2002 5:05 PM
To: FT100@yahoogroups.com
Subject: [FT100] PSK-31 and Clear Speech

First, how does the FT-100D work on PSK? Any tricks?
How much power is safe?

Second, I have tried the effect of the Clear Speech Speaker next to the effect of the DNR feature on the Yaesu. The CSS blows it away, no contest.

73, Jim/nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

---------------------------------------------------
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11628. Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 04:40:35 UTC
From: backhoefade
Topic: 11626  Message: 11628

You have two viable choices:
1) Find someone who can repair the PA for $250 or less.
2) Try a different rig. The 706 has its faults too so I don't know which rig to suggest. For mobile I would be leary about the 706's noise blanker.
$550 seems like too much dough for an FT-100 repair. You can only get about $600 or so for it on the used market when it's running perfectly.

--- In FT100@y..., "signup" <signup@h...> wrote:
> Well, I finally heard from Yaesu today about my FT-100 ... $550.00 to replace the PA .. Radio has less than 100 hours on it .. Used it mobile with the ATAS-100 ... So I am in a quantra as to what to do .. repair it or go buy an IC-706MkII ..
>
> Bummer day ... This is the first new Yaesu radio I have ever owned ... Not sure I want to own anymore ...
>
> /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
>
>
>
> [Non-text portions of this message have been removed]

# 11629. Re: ft100 stuff F/S

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 04:43:49 UTC
From: backhoefade
Topic: 11621  Message: 11629

Hey Rich - Please do drop by and tell us how the TS-2000 works out.
N6AF Chas

--- In FT100@y..., "cockofromaol" <ss409ss@a...> wrote:
> Hi Rich here, offering this stuff to my fellow FT100 affectionados
> first.
>
> Changing radios here so my FT100 WITH fan and swr mod is up for
sale
> (serial 9E).500hz cw and AM filter installed,fts decode
installed,hi
> stability osc installed,dtmf hand mic. I can demo this rig on any
> band so call it and I will be there. The rig is in nice shape and
> sounds awesome on the air. In fact it sounds so good that Yaesu USA
> sent a covert operative to my house to see why. I think it may have
> been Lara Croft..
> I have the original box and the stuff it came with when new. $700
> shipped with all internal accessories listed above.
>
> I also have an ATAS100 for sale with the original box. Both work
FB
> but the wife picked me up a new rig (TS-2000 silver box version)
for
> the car so they are not needed anymore ( Rule #1 never say no when
> the wife buys you ham gear!!.) I will take $220 shipped for the ATAS
>
> In addition, I have all of the options available, separation
> kit,quick release bracket,modem cable, data cable, swivel mount for
> the head unit.. If you want a super package deal let me know as I
> wont sell any off the accessories until the rig is sold.
>
>
> Please email ss409ss@a... Tnx Richy N2ZD

# 11630. Re: [FT100] Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 04:48:54 UTC
From: robert blumenkranz
Topic: 11626  Message: 11630

A new FT100D is only around $850 so why would they
have to charge $550 to repair one? That sounds way too
high. Has your warrenty run out? Maybe you can
purchase a new RF board and put it in yourself. A used
FT100 may be cheaper than the repair cost.
73 BOb NI6r
--- backhoefade <cgarner@...> wrote:
> You have two viable choices:
> 1) Find someone who can repair the PA for $250 or
> less.
> 2) Try a different rig. The 706 has its faults too
> so I don't know
> which rig to suggest. For mobile I would be leary
> about the 706's
> noise blanker.
> $550 seems like too much dough for an FT-100 repair.
> You can only
> get about $600 or so for it on the used market when
> it's running
> perfectly.
>
>
> --- In FT100@y..., "signup" <signup@h...> wrote:
> > Well, I finally heard from Yaesu today about my
> FT-100 ... $550.00
> to replace the PA .. Radio has less than 100 hours
> on it .. Used it
> mobile with the ATAS-100 ... So I am in a quantra as
> to what to do ..
> repair it or go buy an IC-706MkII ..
> >
> > Bummer day ... This is the first new Yaesu radio I
> have ever
> owned ... Not sure I want to own anymore ...
> >
> > /lee - kr5f
> > Have we Qso'd - Find out at www.kr5f.com
> >
> >
> >
> >
> > [Non-text portions of this message have been
> removed]
>
>

---
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# 11631. Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 05:10:53 UTC
From: ft100guy
Topic: 11626  Message: 11631

Check out avvid.com, he has an excellent repair reputation but the final itself from Yaesu is very expensive. (I am guessing its the vhf/uhf final you are speaking of.) You can do this job yourself as its easy to get at but expect to pay over 200 bucks for the final. Yaesu has been known to quote high on repair prices. The offered to fix finals on an FT980 for a friend for only 700 bucks, what a bargain!!
If you want, pick up the final from Yaesu and give it a shot, its real easy to get at but make sure you have the fan mod to keep the new one cool. If you want Lee, contact me by email and I will walk you thru it. Regards.. Richy N2ZZD

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:

> You have two viable choices:
> 1) Find someone who can repair the PA for $250 or less.
> 2) Try a different rig. The 706 has its faults too so I don't know
> which rig to suggest. For mobile I would be leary about the 706's
> noise blanker.
> $550 seems like too much dough for an FT-100 repair. You can only
> get about $600 or so for it on the used market when it's running
> perfectly.

> --- In FT100@y..., "signup" <signup@h...> wrote:
> > Well, I finally heard from Yaesu today about my FT-100 ...
$550.00
> to replace the PA .. Radio has less than 100 hours on it .. Used it
> mobile with the ATAS-100 ... So I am in a quantra as to what to
do ..
> repair it or go buy an IC-706MkII ..
> >
> > Bummer day ... This is the first new Yaesu radio I have ever
> owned ... Not sure I want to own anymore ...
> >
> > /lee - kr5f
> > Have we Qso'd - Find out at www.kr5f.com

# 11632. Re: ft100 stuff F/S

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 05:21:05 UTC
From: ft100guy
Topic: 11621  Message: 11632

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Hey Rich - Please do drop by and tell us how the TS-2000 works out.
> N6AF Chas

Will do, awaiting the rig now, I dont know if it comes with the control head though, gotta call them up. I know they (Kenwood) are throwing it in but I dont know if its an "in store" rebate, I may have to wait for it to come from Kenwood direct. I Cant use it mobile without the head unless I chuck my Laptop up on the dash. I am sure the troopers wont like it if I did. :-)

I have heard some complaints about soft rx on the UHF VHF portion of the TS-2000, but I dont do too much there anyway. I will pass a review along when its installed. Anyway, If it doesnt work out, one of my original FT100's is waiting in the wings, my friend I sold it to is not using it so I can go grab it back at any time.

Tnx Richy N2ZD

# 11633. Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 07:22:32 UTC
From: John McClain
Topic: 11633  Message: 11633

The replacement FT-100D arrived a couple of days ago. The new one (s/n 1G) is also displaying the SWR ICON after a tuning cycle in the truck with the ATAS-100 antenna and in the house with a FC-20 tuner and a vertical antenna but it does tune to a low SWR OK.
If this wasn't bad enough, I am also receiving bad reports on the xmit audio when I am in FM mode. I did some experimenting with a friend and found that my audio contains a lot of hi's and a lot of wind blast on when I speak directly into the mic and sounds OK when I hold the mic about 3 inches away which is not the way I am used to doing. None of the menu options change this symptom. If I vary the FM MIC GAIN from about 70 down to 10 the noise and wind blast are still there but at a reduced level. Same goes for the deviation, 2.5 and 5 give the same results. The MIC DSP option doesn't have any affect on the noise either.
The above holds true both in the truck with engine running and not running and in the house on a regulated supply. It acts as though the first stage, prior to the MIC GAIN stage, gets over driven. The schematic shows that the output of the mic is a straight wire all the way to the input of a chip so there doesn't appear to be any physical adjustments to the MIC GAIN, only the one performed by the processor from the menu option. I am considering opening the mic and inserting a 5-10 K resistor in series with the audio and then crank up the MIC GAIN a bit and see what happens.
I am getting good reports on my SSB audio so that pretty much disproves my ideas about the first stage being over driven.
Do any of you experienced FT-100 users have any other ideas?

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11634. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 14:34:05 UTC
From: Wilfrid Maillet
Topic: 11626  Message: 11634

Are You sure that the decimal point is not in the wrong place?.

# 11635. Re: Deaf RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 17:16:45 UTC
From: John S. Hirth
Topic: 9915  Message: 11635

Hope this is of interest to some.

I just got my FT100D back from Yaesu in California. I'm happy to report that it looks as if they successfully repaired my "deaf RX" problem after warmup that George AH6BV so ably described (below) and several others have reported on this list. I've warmed it up and had it on now for 24 hours. So far, it hasn't lost any RX sensitivity. Hooray!

From the invoice it appears that the only part replaced was one "A08980048". I don't have the service manual or detailed parts list so I can't describe it further. Can anyone shed some light on what component this is in the schematic? Is it in the physical area to which George seemed to narrow down the problem with his heat/cool testing?

I'm a happy camper once again. Thanks to the Customer Service team at Yaesu for a quick turnaround after I had to return it to them again after they missed it the first time.

73, John W2KI
--------
on 4 Jan. 2002
georgeah6bv wrote:
>
> I just purchased a used FT-100, sn 0J..... that has the same
> symptoms. I practically took my coax patch cords and switches apart
> thinking I had a faulty connection. Same thing - S9 signals drop to
> S1 within a minute. Powering it off and on restores the RX
> sensitivity temporarily before it dies down. This is true for HF and
> 2M - only because I had no 6M or 430 sigs to monitor, and I was
> toggling A/B VFOs.
>
> I removed the top cover and it seemed to cure the problem - seems to
> be thermal in nature. I borrowed the XYL's hair dryer with
> hot/normal air capability and did some hot/cold troubleshooting.
>
> Found that the suspect component or condition is in the LPF board
> centered between the large black relay that the two coax leads
> connect to, and the ribbon cable. I tuned to strong signals on 20M
> and 2M and actually made the condition appear and disappear by
> heating and cooling that aarea of the LPF board.
>
> Examination of the affected area in the LPF board shows that there is
> one resistor glued to the top of an IC chip which could be a
> temperature sensor?
>
> I removed the 5 screws holding the LPF board to the chassis, applied

> De-Oxit to the screw lips and board's solder layered screwholes,
> thinking maybe board expansion was leading to less than optimal
> grounding. It seemed to do the trick - signals stayed at normal
> levels longer than before - almost half-an-hour. Once it dropped, it
> was back to the same old symptoms.
>
> So... it may be that a grounding scheme for LPF board (to compensate
> for expansion diff) may do the trick. Or it may be the resistor?
>
> I've given up for today. I put the radio back together. I have a
> little fan blowing onto the top cover rear vents. The radio RX has
> been operating normally. Just that instead of an internal fan mod, I
> have an external fan mod ;-)
>
> George AH6BV / w1
>
> --- In FT100@y..., brett_dawson@y... wrote:
> > Hi all,
> >
> > just joined the group and looks like there's lots of good
> information
> > about. I hope you can help with my question.
> >
> > I have seen this discussed before, but have not seen a definative
> > answer or fix.
> >
> > My problem is after getting warm the RXer goes deaf, all bands and
> > all modes, as far as I can tell.
> >
> > If I switch the radio off, then on again, it comes good for a short
> > time (say abot 20secs), then goes deaf again.
> >
> > Anyone able to help with this ?
> > Best Regards
> > Brett, VK2CBD

# 11636. Re: ft100 stuff F/S

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 22:12:50 UTC
From: vk2new
Topic: 11621  Message: 11636

G'day group,
Richy goodluck with the TS-2000, and the few I have heard on air sound excellent. I suppose if I was looking to purchase a all band base rig, I would strongly look at the 2000.
I am off on the 4th of next month to Reno NV, so I will keep an ear out on 17 metres for you. I think I will be mainly operating on 15 (21.295) and 10 metres (28.500) as these are the only HF frequencies (plus 80 metres) I am license for. I do not know how my brother is going to react when he finds out there will be a few wire antennas strung up around his new house. I maybe taking my Outbacker antenna which will come in handy for when I will be driving around the desert looking for a spot to do some handgun shooting. Also I will try some portable operating around Lake Tahoe and maybe throw a longwire over a giant cactus.
Goodluck, Anthony vk2new.

# 11637. Re: thermal resistor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 14:34:43 UTC
From: bed143
Topic: 10842  Message: 11637

Can you describe how Yaesu installed the thermal switch?

--- In FT100@y..., kgb@i... wrote:
> --- In FT100@y..., "Tim" <n8vpm@q...> wrote:
> > --- In FT100@y..., kgb@i... wrote:
> > > My radio came back from Yeasu with one 40 degree C thermal switch
> > > installed.
> > thanks, i know about the resistor mod i used a 50 ohm wire wound
> > 5watt dale resistor and it works great, what i need to know is the
> > part number on the thermal switch, i thought yaesu used a resistor,
> > but if you know the part number on the part Yaesu uses i would like
> > to get it and use it on another project i am playing with.
> > thanks Tim N8VPM
>
> Kerry Whittle in append #10349 suggested that you could just call the
> Yeasu parts department and order one. It is worth a try. The unit
> is a Tonkin OHD1-35M or OHD3-40M thermal switch. I do not know if
> there is a Yaesu assigned a part number to it or not. I checked with
> Tonkin (the manufacturer) previously. In bulk they cost about $1.80
> each, so Yaesu ought to sell it for $5.00 or $10.00.
>
> Ken Burton - N9CV

# 11638. Re: Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 15:05:49 UTC
From: ft100guy
Topic: 11633  Message: 11638

First thing to do is to check for the swr mod, lift the top cover and match it to the pics posted in the files area. Anyway, the rig sounds like it doesnt have it done. Forget all of that nonsense with adding resistors, the rig should sound fine without any experimentation beyond menu settings with that mod. Your problem is the classic symptom of the rf entering where it shouldnt. The distorted audio,swr icon, foldback etc.. Classic signs the swr mod is not done or done improperly. Yours seems (assumed) to be right on the cusp of May 01 rigs "without" the mod if you lift the cover and dont find the mod done.
Let us know.. Richy N2ZD

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> The replacement FT-100D arrived a couple of days ago. The new one (s/n 1G) is also displaying the SWR ICON after a tuning cycle in the truck with the ATAS-100 antenna and in the house with a FC-20 tuner and a vertical antenna but it does tune to a low SWR OK.
> If this wasn't bad enough, I am also receiving bad reports on the xmit audio when I am in FM mode. I did some experimenting with a friend and found that my audio contains a lot of hi's and a lot of wind blast on when I speak directly into the mic and sounds OK when I hold the mic about 3 inches away which is not the way I am used to doing. None of the menu options change this symptom. If I vary the FM MIC GAIN from about 70 down to 10 the noise and wind blast are still there but at a reduced level. Same goes for the deviation, 2.5 and 5 give the same results. The MIC DSP option doesn't have any affect on the noise either. The above holds true both in the truck with engine running and not running and in the house on a regulated supply. It acts as though the first stage, prior to the MIC GAIN stage, gets over driven. The schematic shows that the output of the mic is a straight wire all the way to the input of a chip so there doesn't appear to be any physical adjustments to the MIC GAIN, only the one performed by the processor from the menu option. I am considering opening the mic and inserting a 5-10 K resistor in series with the audio and then crank up the MIC GAIN a bit and see what happens.
> I am getting good reports on my SSB audio so that pretty much disproves my ideas about the first stage being over driven.
> Do any of you experienced FT-100 users have any other ideas?
>
> John
> K7SVV@A...

# 11639. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 16:41:32 UTC
From: robert blumenkranz
Topic: 11633  Message: 11639

I have a similar problem with a brand new FT-100D with
the SWR indicator coming on every time I do a "TUN"
command. In my case I have found that the ATAS-100
appears to be working fine with very low SWR on all
bands but the rig can never find the low dip because
when it stops tuning, it reverses direction for about
.5 seconds which is long enough to cause the antenna
to go way out of resonance. The ONLY way I can tune
the ATAS-100 is by manually overshooting the resonant
point and watching the the antenna return to
"hopefully" the dip. I am going to have the radio
replaced tomorrow at HRO and I will see if that clears
up this problem. As for your mic noise maybe the mic
element is not seated well inside the mic case. Maybe
a bit of foam inside the case between the mic element
and the open hole may help.
73 Bob Ni6r
--- John McClain <digi2@...> wrote:
> The replacement FT-100D arrived a couple of
> days ago. The new one (s/n 1G) is also displaying
> the SWR ICON after a tuning cycle in the truck with
> the ATAS-100 antenna and in the house with a FC-20
> tuner and a vertical antenna but it does tune to a
> low SWR OK.
> If this wasn't bad enough, I am also
> receiving bad reports on the xmit audio when I am in
> FM mode. I did some experimenting with a friend and
> found that my audio contains a lot of hi's and a lot
> of wind blast on when I speak directly into the mic
> and sounds OK when I hold the mic about 3 inches
> away which is not the way I am used to doing. None
> of the menu options change this symptom. If I vary
> the FM MIC GAIN from about 70 down to 10 the noise
> and wind blast are still there but at a reduced
> level. Same goes for the deviation, 2.5 and 5 give
> the same results. The MIC DSP option doesn't have
> any affect on the noise either. The above holds
> true both in the truck with engine running and not
> running and in the house on a regulated supply. It
> acts as though the first stage, prior to the MIC
> GAIN stage, gets over driven. The schematic shows
> that the output of the mic is a straight wire all
> the way to the input of a chip so there doesn't
> appear to be any physical adjustments to the MIC
> GAIN, only the one performed by the processor from

> the menu option. I am considering opening the mic
> and inserting a 5-10 K resistor in series with the
> audio and then crank up the MIC GAIN a bit and see
> what happens.
> I am getting good reports on my SSB audio so
> that pretty much disproves my ideas about the first
> stage being over driven.
> Do any of you experienced FT-100 users have
> any other ideas?
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

---

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# 11640. Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 15:10:00 UTC
From: ft100guy
Topic: 11626  Message: 11640

--- In FT100@y..., Wilfrid Maillet <wilfrid@e...> wrote:
> Are You sure that the decimal point is not in the wrong place?.

Sounds right to me, the part itself (assuming its the VHF/UHF final) is very expensive. Usually Yaesu quotes high but in this case the end result will be dang close to the quote. Heck, you can replace the VHF/UHF final with an 3cx800a7 Eimac for that price! Problem is the Eimac wont fit under the FT100's cover otherwise they may have used it :-) Regards.. Richy N2ZD

# 11641. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 18:17:20 UTC
From: John Spiceman
Topic: 11626  Message: 11641

Lee,
I'm sorry about your misfortune. I would agree with
others that putting that much out for a repair is not
wise.
What happened to cause such a catastrophic thing to
occur? I want to make sure I don't put mine in the
same harm's way.

John - WB0RLD
--- signup <signup@...> wrote:
> Well, I finally heard from Yaesu today about my
> FT-100 ... $550.00 to replace the PA .. Radio has
> less than 100 hours on it .. Used it mobile with the
> ATAS-100 ... So I am in a quantra as to what to do
> .. repair it or go buy an IC-706MkII ..
>
> Bummer day ... This is the first new Yaesu radio I
> have ever owned ... Not sure I want to own anymore
> ...
>
> /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
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>
> [Non-text portions of this message have been
> removed]
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# 11642. Mysterious HF Power Output While Operating 2 meters.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 19:20:18 UTC
From: szastoupil
Topic: 11642  Message: 11642

Hello. I just received my FT100D from HRO yesterday. I am very pleased so far and have made a few contacts on it. I wanted to try out the 2M FM and see if I could hit a local repeater. So I decreased the power output of the 2M so the menu said "5". I connected my rubber duck antenna to the proper 2M/440 pigtail since that is what I had at hand. The local repeater came back ok, but I noticed that my SWR/Power meter that is hooked to the HF/50M antenna deflected indicating power output. It shows power output on the HF antenna when I'm transmitting on the 2M/440 antenna. I don't think I have an RFI problem with that low of output power. So I thought I'd experiement and turned the HF, 50Mhz, and 440M power to zero. I still had power output on the HF antenna when transmitting on 2m FM. Any thoughts or experiences that anyone could share? Thanks for your time.

Scott
ARS KB0KFX

# 11643. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 22:40:02 UTC
From: Jeff Elliott
Topic: 11633  Message: 11643

reset the defalts perhaps that will fix it --- John McClain wrote: The replacement FT-100D arrived a couple of days ago. The new one (s/n 1G) is also displaying the SWR ICON after a tuning cycle in the truck with the ATAS-100 antenna and in the house with a FC-20 tuner and a vertical antenna but it does tune to a low SWR OK.
If this wasn't bad enough, I am also receiving bad reports on the xmit audio when I am in FM mode. I did some experimenting with a friend and found that my audio contains a lot of hi's and a lot of wind blast on when I speak directly into the mic and sounds OK when I hold the mic about 3 inches away which is not the way I am used to doing. None of the menu options change this symptom. If I vary the FM MIC GAIN from about 70 down to 10 the noise and wind blast are still there but at a reduced level. Same goes for the deviation, 2.5 and 5 give the same results. The MIC DSP option doesn't have any affect on the noise either.
The above holds true both in the truck with engine running and not running and in the house on a regulated supply. It acts as though the first stage, prior to the MIC GAIN stage, gets over driven. The schematic shows that the output of the mic is a straight wire all the way to the input of a chip so there doesn't appear to be any physical adjustments to the MIC GAIN, only the one performed by the processor from the menu option. I am considering opening the mic and inserting a 5-10 K resistor in series with the audio and then crank up the MIC GAIN a bit and see what happens.
I am getting good reports on my SSB audio so that pretty much disproves my ideas about the first stage being over driven.
Do any of you experienced FT-100 users have any other ideas?

John
K7SVV@...

[Non-text portions of this message have been removed]

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# 11644. Re: Mysterious HF Power Output While Operating 2 meters.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-18 23:13:59 UTC
From: vk2new
Topic: 11642  Message: 11644

How close is the rubber ducky antenna to the swr/power meter. It
seems like the meter is being saturated with RF.
Anthony vk2new.

# 11645. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 01:28:14 UTC
From: Glen Farough
Topic: 11633  Message: 11645

John ...Make these changes from the defaults if you
have not done yet...Note the default settings of
these menu options and then adjust them as follows...
Almost gave up on my tx audio with the stock mic,
but this worked out well...
MENU:
25, 40
26, 45
27, 40
33, 5
62, +050
63, +050
64, -200
65, -200

These settings were done by a friend of mine on a
service monitor after
MANY hours of playing to get the best sound that he
could get out of the
radio. His voice has a higher tone than mine and the
same settings work for
both of us and many others in my area. Please look at
your settings and
give these a try and see if it makes a difference.
(From N4XEO email)
73 de Glen VE7LGF
Good Luck
--- John McClain <digi2@...> wrote:
> The replacement FT-100D arrived a couple of
> days ago. The new one (s/n 1G) is also displaying
> the SWR ICON after a tuning cycle in the truck with
> the ATAS-100 antenna and in the house with a FC-20
> tuner and a vertical antenna but it does tune to a
> low SWR OK.
> If this wasn't bad enough, I am also
> receiving bad reports on the xmit audio when I am in
> FM mode. I did some experimenting with a friend and
> found that my audio contains a lot of hi's and a lot
> of wind blast on when I speak directly into the mic
> and sounds OK when I hold the mic about 3 inches
> away which is not the way I am used to doing. None
> of the menu options change this symptom. If I vary
> the FM MIC GAIN from about 70 down to 10 the noise
> and wind blast are still there but at a reduced
> level. Same goes for the deviation, 2.5 and 5 give

> the same results. The MIC DSP option doesn't have
> any affect on the noise either. The above holds
> true both in the truck with engine running and not
> running and in the house on a regulated supply. It
> acts as though the first stage, prior to the MIC
> GAIN stage, gets over driven. The schematic shows
> that the output of the mic is a straight wire all
> the way to the input of a chip so there doesn't
> appear to be any physical adjustments to the MIC
> GAIN, only the one performed by the processor from
> the menu option. I am considering opening the mic
> and inserting a 5-10 K resistor in series with the
> audio and then crank up the MIC GAIN a bit and see
> what happens.
> I am getting good reports on my SSB audio so
> that pretty much disproves my ideas about the first
> stage being over driven.
> Do any of you experienced FT-100 users have
> any other ideas?
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 11646. old topic still need help, hidden menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 04:08:25 UTC
From: v8henry
Topic: 11646  Message: 11646

Hi I have a 1yr old FT-100D and have been trying to get into the
hidden menu.
I pushed and held ABC then turned on the radio, went to the regular
menu and scrolled up thru #66 and no hidden menu.
I have tried many times with no luck. Is there something I'm not
doing correctly?
Thank for any help

DE WN5J Glen
V8HENRY@...

# 11647. PL Tone 206 and 254

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 05:03:28 UTC
From: n2ki
Topic: 11647  Message: 11647

Anybody have an idea why pl tones 206 and 254 are not included in the selection of available CTCSS tones ? Just curious.

Tony - N2KI

# 11648. Wanted FT-100 or 100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 05:25:13 UTC
From: James Carmody
Topic: 11648  Message: 11648

I do not need the separation kit. I do want a rig plus mike in perfect electronic shape as is the rig I already own. Please check the currently reduced NEW and used prices before you quote. Please quote plus $20 shipping which should more than cover shipping and insurance in CONUS.

Thanks,
Jim/nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

_____
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# 11649. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 00:56:59 UTC
From: signup
Topic: 11626  Message: 11649

Well, I want to thank everyone for your comments on this matter. I spoke with Yaesu and they said that this condition could occur from one of two things:

1. Operating with High SWR.
2. Operating more than 50% duty cycle.

Well the radio has been used mobile with the Yaesu ATAS-100 which is autotuned ... and operating SSB or repeaters should not have exceeded the 50% duty cycle ... So, they are at a loss as to what happened, but feel confident, that if I spend an additional 550.00 the PA won't go out again .. even though .. they don't know what caused it this time ...

I am very disappointed, the radio was just over a year old, had less than 100 hours on it and cost close to 1000 dollars. This was my very first Yaesu HF radio. I will never buy any more Yaesu products.

After a lot of deliberation, I have decided not to repair the FT100 -- instead I will sell it and the ATAS-100 for scrap on eBay. Tomorrow I will go into town and by an Icom-706Mk2G for $ 300 more than the repair price and it comes with a 1 year warranty.

Thanks again and I'll be disconnecting from the group shortly.

73, /lee - kr5f
Have we Qso'd - Find out at www.kr5f.com

----- Original Message -----
From: John Spiceman
To: FT100@yahoogroups.com
Sent: January 18, 2002 18:17
Subject: Re: [FT100] FT-100 PA repair

Lee,
I'm sorry about your misfortune. I would agree with
others that putting that much out for a repair is not
wise.
What happened to cause such a catastrophic thing to
occur? I want to make sure I don't put mine in the
same harm's way.

John - WB0RLD
--- signup <signup@...> wrote:
> Well, I finally heard from Yaesu today about my
> FT-100 ... $550.00 to replace the PA .. Radio has
> less than 100 hours on it .. Used it mobile with the
> ATAS-100 ... So I am in a quantra as to what to do
> .. repair it or go buy an IC-706MkII ..
>
> Bummer day ... This is the first new Yaesu radio I

> have ever owned ... Not sure I want to own anymore
> ...
>
> /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
>
>
>
> [Non-text portions of this message have been
> removed]
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[Non-text portions of this message have been removed]

# 11650. RE: [FT100] PL Tone 206 and 254

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 11:50:43 UTC
From: Eric van de Weyer
Topic: 11647  Message: 11650

Maybe because they are not part of the standard tones.

73....Eric VK2KUR
-----Original Message-----
From: n2ki [mailto:n2ki@...]
Sent: Saturday, 19 January 2002 4:03 PM
To: FT100@yahoogroups.com
Subject: [FT100] PL Tone 206 and 254

Anybody have an idea why pl tones 206 and 254 are not included in
the selection of available CTCSS tones ? Just curious.

Tony - N2KI

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# 11651. RE: [FT100] Stereo Pin

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 11:57:47 UTC
From: Eric van de Weyer
Topic: 11622  Message: 11651

3.5mm....Eric VK2KUR
-----Original Message-----
From: bed143 [mailto:bed143@...]
Sent: Thursday, 17 January 2002 4:27 AM
To: FT100@yahoogroups.com
Subject: [FT100] Stereo Pin

I am at my office and don't have access to my manual. What is the
size of the mini stereo pin (for the CW key)? Thanks and 73's Dennis

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# 11652. Re: [FT100] old topic still need help, hidden menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 13:22:22 UTC
From: Lee Devlin
Topic: 11646  Message: 11652

Are you holding all three buttons down when the radio
is turning on? The buttons must be held down while
the radio is off, and keep them down while pushing the
power button. Then after the radio is on, let go of
them and then hold in on the FUNC key for 1/2 seconds
to get into the menus. Then scroll down past menu
item 1 to get into the hidden menus.

If this isn't working, you might consider resetting
the radio using the procedure in the manual.

--- v8henry <v8henry@...> wrote:
> Hi I have a 1yr old FT-100D and have been trying to
> get into the
> hidden menu.
> I pushed and held ABC then turned on the radio, went
> to the regular
> menu and scrolled up thru #66 and no hidden menu.
> I have tried many times with no luck. Is there
> something I'm not
> doing correctly?
> Thank for any help
>
> DE WN5J Glen
> V8HENRY@...
>
>
>

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 11653. Please post RS # for replacement Whip ATAS100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 14:24:44 UTC
From: we1md
Topic: 11653  Message: 11653

Please post RS # for replacement Whip ATAS100
Thanks

WE1MD
Mailto:we1md@...

# 11654. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 15:29:09 UTC
From: Stephanie Steele
Topic: 11626  Message: 11654

For what it's worth, when my PA failed the radio was 10 months old and had never been out of the box. It failed the first time I used it and there was no high SWR. I ran it on HF for about 30 minutes and it worked fine. I then tried VHF which also worked fine and it then failed the first time I keyed up on UHF. The whole radio got hotter than a pistol as soon as I keyed up on UHF and I had to unplug it. Yaesu told me that 'these things just happen sometimes'. Thankfully mine was repaired under warrant as the repair ticket had a $550 price tag. I have had no further problems with it but I do believe that this is another known weakness in this radio. I would not give up quite so easily as I think you could get them to extend coverage or at least provide free labor to make the repair. The PA chip I believe was quoted at $235 or so which hurts too. Maybe you could also put together everyone's story who has had their PA fail and use this to your advantage somehow. Good luck.

Stephanie

signup wrote:

> Well, I want to thank everyone for your comments on this matter. I
> spoke with Yaesu and they said that this condition could occur from
> one of two things:
>
> 1. Operating with High SWR.
> 2. Operating more than 50% duty cycle.
>
> Well the radio has been used mobile with the Yaesu ATAS-100 which is
> autotuned ... and operating SSB or repeaters should not have exceeded
> the 50% duty cycle ... So, they are at a loss as to what happened, but
> feel confident, that if I spend an additional 550.00 the PA won't go
> out again .. even though .. they don't know what caused it this time
> ...
>
> I am very disappointed, the radio was just over a year old, had less
> than 100 hours on it and cost close to 1000 dollars. This was my very
> first Yaesu HF radio. I will never buy any more Yaesu products.
>
> After a lot of deliberation, I have decided not to repair the FT100 --
> instead I will sell it and the ATAS-100 for scrap on eBay. Tomorrow I
> will go into town and by an Icom-706Mk2G for $ 300 more than the
> repair price and it comes with a 1 year warranty.
>
> Thanks again and I'll be disconnecting from the group shortly.
>
> 73, /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com

> 
> 
> ----- Original Message -----
> From: John Spiceman
> To: FT100@yahoogroups.com
> Sent: January 18, 2002 18:17
> Subject: Re: [FT100] FT-100 PA repair
> 
> 
> Lee,
> I'm sorry about your misfortune. I would agree with
> others that putting that much out for a repair is not
> wise.
> What happened to cause such a catastrophic thing to
> occur? I want to make sure I don't put mine in the
> same harm's way.
> 
> John - WB0RLD
> --- signup <signup@...> wrote:
> > Well, I finally heard from Yaesu today about my
> > FT-100 ... $550.00 to replace the PA .. Radio has
> > less than 100 hours on it .. Used it mobile with the
> > ATAS-100 ... So I am in a quantra as to what to do
> > .. repair it or go buy an IC-706MkII ..
> > 
> > Bummer day ... This is the first new Yaesu radio I
> > have ever owned ... Not sure I want to own anymore
> > ...
> > 
> > /lee - kr5f
> > Have we Qso'd - Find out at www.kr5f.com
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--
Stephanie

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"They that can give up essential liberty to obtain a little temporary
safety deserve neither liberty nor safety."

Benjamin Franklin (1706-1790), Letter to Josiah Quincy, Sept. 11, 1773.

"Those who desire to give up freedom in order to gain security will not
have, nor do they deserve, either one."

President Thomas Jefferson.
1743-1826

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# 11655. Re: Finals Repair???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 17:10:12 UTC
From: Gary Gadwa
Topic: 11655  Message: 11655

All this talk of really expensive PA repair to the FT-100 has me concerned. My early 9F serial FT-100 finally had a VHF PA failure so sent it off to Yaesu for likely VHF PA module replacement and I ask for FAN Upgrade to keep this from happening again.
So can someone tell me what it "actually did" cost for VHF PA replacement?

My FT-100 has worked flawlessly in hard service for over 2 1/2 years. Concerned about the repair costs but still love that FT-100.

Gary
W7FSI
Stanley, IDAHO

# 11656. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 17:48:52 UTC
From: John McClain
Topic: 11633  Message: 11656

This is one of the first things I did. I went back through the list and found where these settings and entered them into my rig but they did not change the symptom. Since I posted my last message, I have made a few experiments with several people. One person spoke into the mic on his FT-100 the way I do on mine and experienced the wind blast and overdriven audio that people are complaining about. He feels that all FT-100's are this way and that the operator must learn to speak into the buttons on the mic and not the three small holes at the top of the mic. Next week I am going to switch mics with someone else and see if there is any change in my audio.
Has anyone ever loosened or removed the PC board in their mic? I need to move mine aside so that I can remove the mic element so that I can place a piece of cotton in front of it but the PC board doesn't want to move. I have removed the three screws holding the board but it is still being firmly held by something else. Does anyone have an ideas?

John
K7SVV@...
----- Original Message -----
From: Glen Farough
To: FT100@yahoogroups.com
Sent: Friday, January 18, 2002 6:28 PM
Subject: Re: [FT100] Replacement rig received but more trouble

John ...Make these changes from the defaults if you
have not done yet...Note the default settings of
these menu options and then adjust them as follows...
Almost gave up on my tx audio with the stock mic,
but this worked out well...
MENU:
25, 40
26, 45
27, 40
33, 5
62, +050
63, +050
64, -200
65, -200

These settings were done by a friend of mine on a
service monitor after
MANY hours of playing to get the best sound that he
could get out of the
radio. His voice has a higher tone than mine and the
same settings work for
both of us and many others in my area. Please look at
your settings and
give these a try and see if it makes a difference.
(From N4XEO email)

73 de Glen VE7LGF
Good Luck

---
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[Non-text portions of this message have been removed]

# 11657. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 18:40:48 UTC
From: John Spiceman
Topic: 11626  Message: 11657

Lee,
I can certainly understand your frustration.
Did you get a clear definition of 50% duty cycle. I
personally don't know what the heck that means.

Also, is the only problem that the solid state power
components are wasted? Seems that could be replaced at
component level, not requiring replacement of the
whole board.

Having been in sales quite a while, I've observed that
many inside support people just don't understand that
it takes at least 4 times longer and 4 times the
expense to get a customer back than it did to get that
customer in the first place. You'd think that they'd
want to protect their market share.

Good luck with the ICOM ...

John - WB0RLD

--- signup <signup@...> wrote:
> Well, I want to thank everyone for your comments on
> this matter. I spoke with Yaesu and they said that
> this condition could occur from one of two things:
>
> 1. Operating with High SWR.
> 2. Operating more than 50% duty cycle.
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> though .. they don't know what caused it this time
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> I am very disappointed, the radio was just over a
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> After a lot of deliberation, I have decided not to
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> 73, /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
>
> ----- Original Message -----
> From: John Spiceman
> To: FT100@yahoogroups.com
> Sent: January 18, 2002 18:17
> Subject: Re: [FT100] FT-100 PA repair
>
>
> Lee,
> I'm sorry about your misfortune. I would agree
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> wise.
> What happened to cause such a catastrophic thing
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> John - WB0RLD
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> > ATAS-100 ... So I am in a quantra as to what to
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> > .. repair it or go buy an IC-706MkII ..
> > >
> > Bummer day ... This is the first new Yaesu radio
> I
> > have ever owned ... Not sure I want to own
> anymore
> > ...
> > >
> > /lee - kr5f
> > Have we Qso'd - Find out at www.kr5f.com
> > >
> > >
> > >

> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
> >
>
>
> ---------------------------------------------------
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> Yahoo! Groups Sponsor
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>
> Post message: FT100@yahoogroups.com
> Subscribe:
> FT100-subscribe@yahoogroups.com
> Unsubscribe:
> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
>
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
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>

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# 11658. Re: [FT100] FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-19 21:56:59 UTC
From: Paul Manuel
Topic: 11626  Message: 11658

--- John Spiceman <jrmorris28@...> wrote:
> Lee,
Did you get a clear definition of 50% duty cycle. I
> personally don't know what the heck that means.
>
> Having been in sales quite a while, I've observed that
> many inside support people just don't understand that
> it takes at least 4 times longer and 4 times the
> expense to get a customer back than it did to get that
> customer in the first place. You'd think that they'd
> want to protect their market share.
Normally, 50% duty cycle refers to something like 1 minute transmit, 1 minute receive (to give the rig time to cool down between transmissions.) Back in the 80's I had a 70 watt Kenwood 2 meter rig (the 2570) that I believe was rated at 25% duty cycle (in the manual it stated 1 minute transmit, 3 minutes receive!!) Most of the time, if the fans are working, rigs can be pushed a little harder than recommended...the rating has a margin for error, but gives the manufacturer an excuse to fall back on.

It seems that none of the service personnel at the amateur manufacturers are trained in keeping customer goodwill. They all seem too concerned with the service department making money.
73,
Paul K4PDM

>

---
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# 11659. VHF Final Amps

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 00:10:44 UTC
From: k5btk
Topic: 11659  Message: 11659

Okay! I knew from the group about the BIG TWO problems which seem to keep resurfacing with the FT-100. But like another recent post, the new thread about a $500+ dollar repair bill when this happens REALLY got my attention too! So let me ask two questions.
Looking at the schematic which came with the radio, it looks to me like all of the fan control takes place in the fan's ground return. The circuitry seems to control the fan by dropping the return resistance to ground below open-circuit - dropping it very low for full fan speed and not so low for slower speed. The idea of the 50-ohm fan fix is then to shunt a modest resistance across the control circuit to produce a low fan speed at all times - while still allowing the control circuitry to drop the resistance even lower when transmitting. An I reading this right?
Is everyone who has done this "fix" thus far satisfied with its effectiveness? If so, what physical method seems to best allow its later removal w/o taletale warranty-voiding evidence? Perhaps something envolving the removal of the ground-return pin on the little Molex plug which mates with the main board? Or something more direct? Is there a good ground nearby that doesn't require soldering to a pad on the main board?

# 11660. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 00:38:47 UTC
From: Glen Farough
Topic: 11633  Message: 11660

John...the small screw through the push to talk
switch has to be removed to allow the pc board
to come out
73...de Glen VE7LGF
--- John McClain <digi2@...> wrote:
> This is one of the first things I did. I
> went back through the list and found where these
> settings and entered them into my rig but they did
> not change the symptom. Since I posted my last
> message, I have made a few experiments with several
> people. One person spoke into the mic on his FT-100
> the way I do on mine and experienced the wind blast
> and overdriven audio that people are complaining
> about. He feels that all FT-100's are this way and
> that the operator must learn to speak into the
> buttons on the mic and not the three small holes at
> the top of the mic. Next week I am going to switch
> mics with someone else and see if there is any
> change in my audio.
> Has anyone ever loosened or removed the PC
> board in their mic? I need to move mine aside so
> that I can remove the mic element so that I can
> place a piece of cotton in front of it but the PC
> board doesn't want to move. I have removed the
> three screws holding the board but it is still being
> firmly held by something else. Does anyone have an
> ideas?
>
> John
> K7SVV@...
> ----- Original Message -----
> From: Glen Farough
> To: FT100@yahoogroups.com
> Sent: Friday, January 18, 2002 6:28 PM
> Subject: Re: [FT100] Replacement rig received but
> more trouble
>
>
> John ...Make these changes from the defaults if
> you
> have not done yet...Note the default settings of
> these menu options and then adjust them as
> follows...
> Almost gave up on my tx audio with the stock mic,
> but this worked out well...

> MENU:
> 25, 40
> 26, 45
> 27, 40
> 33, 5
> 62, +050
> 63, +050
> 64, -200
> 65, -200
>
> These settings were done by a friend of mine on a
> service monitor after
> MANY hours of playing to get the best sound that
> he
> could get out of the
> radio. His voice has a higher tone than mine and
> the
> same settings work for
> both of us and many others in my area. Please look
> at
> your settings and
> give these a try and see if it makes a difference.
> (From N4XEO email)
> 73 de Glen VE7LGF
> Good Luck
>
> ---
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>
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> Subscribe:
> FT100-subscribe@yahoogroups.com
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> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
>
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.

>
> Your use of Yahoo! Groups is subject to the Yahoo!
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>
>
>
> [Non-text portions of this message have been
> removed]
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>

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# 11661. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 00:55:04 UTC
From: robert blumenkranz
Topic: 11570  Message: 11661

I installed a brand new FT-100D today and I still have the exact problem as before.

I opened the top cover to see if it had the SWR mod installed from the factory which it did but this did not help my problem. The radio and the one before with the problem both were late model FT-100D with 2001 date code in May or June of 2001.

I have a very good ground plane (30ft. roof of solid aluminum of my motor home) and when the antenna resonates it has a very low swr so this is not the problem.

I cannot set the swr to null using the "tun" command because the automatic mode always lands on a hi swr point, usually I have to manually move the antenna in the up direction and allow it to overshoot the dip, then I watch the antenna move under command of the radio (I have released the button). If I am lucky about 25% of the time, the antenna will move back to near the resonant point. This takes several tries manually up and down trying to hit the dip, and it is a real pain.

From what I am seeing there appears to be a microprocessor program error that is making the antenna hunt in the reverse direction after the up/down button is released. If I am corrent then no one with the new radios is going to be able to use the ATAS-100 antenna in the manual mode until this is fixed. I have measured the voltage during manual tuning and observed that the radio is commanding the antenna to reverse after letting up on the up/down button.

Anyone with a similar problem with a new FT-100D and the ATAS-100 antenna please let me know. The only thing I have not done is to try a different antenna. Since the voltage is causing the antenna to move when it should stop I have ruled out the antenna and I believe that it is the new radios that may have been reprogrammed to fix the swr problem and may now be overcompensating.

Any thoughts?

Thanks,
Bob Ni6R
--- Jeff kb2m <kb2wqm@...> wrote:
> >...Going to manual tune I notice that I could see
> the SWR dip on the FD-100,
> > but as soon as I let up on the up or down button
> the antenna stops
> > and reverses direction for about 1/2 inch.
>
> Does the Antenna icon on the radio indicate that it
> is going in the other direction?
>
> 73 Jeff kb2m
>
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 11662. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 01:17:18 UTC
From: The Simpsons
Topic: 11633  Message: 11662

I assume you are talking directly into the mic. Try talking across the face of the mic. This will reduce the plosive sounds and also the muffled audio. I have good audio reports with both the FT100 and FT8100 (same model microphones) as long as I talk across the face of the mic. The mic is held almost in contact with my face at the side of my mouth. The mic gain has been reduced to allow for the close speaknig. This also reduces the pick up of any background noise. The bass frequencies are emphasised when talking close and directly into the mic, hence the muffled sound.

Grant, ZL2BK.

----- Original Message -----
From: "John McClain" <digi2@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 20, 2002 6:48 AM
Subject: Re: [FT100] Replacement rig received but more trouble

> This is one of the first things I did. I went back through the list and found where these settings and entered them into my rig but they did not change the symptom. Since I posted my last message, I have made a few experiments with several people. One person spoke into the mic on his FT-100 the way I do on mine and experienced the wind blast and overdriven audio that people are complaining about. He feels that all FT-100's are this way and that the operator must learn to speak into the buttons on the mic and not the three small holes at the top of the mic. Next week I am going to switch mics with someone else and see if there is any change in my audio.

# 11663. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 01:27:49 UTC
From: Lee Devlin
Topic: 11570  Message: 11663

--- robert blumenkranz <radiobob300@...> wrote:
>...I have to manually move the antenna
> in
> the up direction and allow it to overshoot the dip,
> then I watch the antenna move under command of the
> radio (I have released the button). If I am lucky
> about 25% of the time, the antenna will move back to
> near the resonant point. This takes several tries
> manually up and down trying to hit the dip, and it
> is
> a real pain.

The antenna extends when the voltage exceeds 10.4V DC and retracts when the voltage falls below 8.4V DC. It sounds almost like the voltage is falling too slowly and thus causing your antenna to start retracting for a while after it has found a match. If you have the equipment, it would make sense to see if the antenna has something wrong with it by running it with a variable DC supply. Don't run it to the stops, because you don't want to stall out the motor but see if you can determine if it continues to move or switch direction after you remove the voltage source. It seems almost like there's a storage capacitor in the antenna, and you can't shut down the voltage fast enough as it swings down past 8.4 V and thus it reverses direction and retracts.

Does it work the same way when you're retracting the antenna? That is, does it retract and then reverse direction and extend for a while or does it only do the motion reversal after it's been extended?

Believe me, what you are seeing is not normal and I can certainly understand your frustration. The antenna is supposed to tune automatically. That is what makes it convenient. A motorized antenna that you have to tune manually isn't convenient. An antenna that works *against* you as you're trying to tune it is downright frustrating.

The next step would be to isolate whether it's the rig (i.e., some firmware bug) or the antenna. I'd be very surprised if it's a firmware bug as we'd expect to be hearing a lot of users on this forum with the same problem, (unless, of course, you have the first

one...)

Since swapping out the rig didn't work, ask the shop to swap you for another ATAS. That would certainly be a quick test to help in determining if the antenna is to blame.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 11664. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 02:33:05 UTC
From: Bill Reid- VE3VWD
Topic: 11570  Message: 11664

Bob

You say this is a motor home.
How long is your antenna cable? It could be too long causing a
voltage drop not allowing the antenna to function properly.
Try testing the antenna with a shorter cable.

Just a thought !

Bill

At 19/01/2002 07:55 PM Saturday, you wrote:
>I installed a brand new FT-100D today and I still have
>the exact problem as before.
>
>I opened the top cover to see if it had the SWR mod
>installed from the factory which it did but this did
>not help my problem. The radio and the one before with
>the problem both were late model FT-100D with 2001
>date code in May or June of 2001.
>
>I have a very good ground plane (30ft. roof of solid
>aluminum of my motor home) and when the antenna
>resonates it has a very low swr so this is not the
>problem.
>
>I cannot set the swr to null using the "tun" command
>because the automatic mode always lands on a hi swr
>point, usually I have to manually move the antenna in
>the up direction and allow it to overshoot the dip,
>then I watch the antenna move under command of the
>radio (I have released the button). If I am lucky
>about 25% of the time, the antenna will move back to
>near the resonant point. This takes several tries
>manually up and down trying to hit the dip, and it is
>a real pain.
>
> From what I am seeing there appears to be a
>microprocessor program error that is making the
>antenna hunt in the reverse direction after the
>up/down button is released. If I am corrent then no
>one with the new radios is going to be able to use the
>ATAS-100 antenna in the manual mode until this is
>fixed. I have measured the voltage during manual
>tuning and observed that the radio is commanding the
>antenna to reverse after letting up on the up/down

>button.
>
>Anyone with a similar problem with a new FT-100D and
>the ATAS-100 antenna please let me know. The only
>thing I have not done is to try a different antenna.
>Since the voltage is causing the antenna to move when
>it should stop I have ruled out the antenna and I
>believe that it is the new radios that may have been
>reprogrammed to fix the swr problem and may now be
>overcompensating.
>
>Any thoughts?
>
>Thanks,
>Bob Ni6R
>--- Jeff kb2m <kb2wqm@...> wrote:
> > >...Going to manual tune I notice that I could see
> > the SWR dip on the FD-100,
> > > but as soon as I let up on the up or down button
> > the antenna stops
> > > and reverses direction for about 1/2 inch.
> > >
> > Does the Antenna icon on the radio indicate that it
> > is going in the other direction?
> > >
> > 73 Jeff kb2m
> > >
> > >
> > >
> > [Non-text portions of this message have been
> > removed]
> > >
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>
>_____
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>FAQ on
>WWW:
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>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 11665. FT-817

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 02:48:45 UTC
From: James Carmody
Topic: 4581  Message: 11665

Is there an 817 group like this on Yahoo?

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

---
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# 11666. Re: ft100 stuff F/S

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 03:05:24 UTC
From: ft100guy
Topic: 11621  Message: 11666

--- In FT100@y..., "vk2new" <vk2new@d...> wrote:
> G'day group,
> Richy goodluck with the TS-2000, and the few I have heard on air
> sound excellent. I suppose if I was looking to purchase a all band
> base rig, I would strongly look at the 2000.
> I am off on the 4th of next month to Reno NV, so I will keep an
ear
> out on 17 metres for you. I think I will be mainly operating on 15
> (21.295) and 10 metres (28.500) as these are the only HF
frequencies
> (plus 80 metres) I am license for. I do not know how my brother is
> going to react when he finds out there will be a few wire antennas
> strung up around his new house. I maybe taking my Outbacker antenna
> which will come in handy for when I will be driving around the
desert
> looking for a spot to do some handgun shooting. Also I will try
some
> portable operating around Lake Tahoe and maybe throw a longwire
over
> a giant cactus.
> Goodluck, Anthony vk2new.

Thankyou anthony,

I hope to work you on HF. Make sure you let us know when you arrive
an we will set up a sched on 10m. TNX Richy, N2ZD

# 11667. Re: [FT100] more trouble ...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 01:40:03 UTC
From: lhlousek
Topic: 11667  Message: 11667

The FT100D/ATAS100 has the performance and features I want but all these problems, ATAS tuning, high SWR, and blown finals have put me off of getting one. I realize many have had good luck with their rigs and I wouldn't be too concerned about the possibility of having a problem if it wasn't for the infamous Yaesu customer service and their heinous repair rates once the unit is out of warrantee.

Evidently, some of the most recent builds (1H and later) have the high SWR fix. I've heard that some have a thermal switch installed too. What build date did they start installing the thermal switch and are the high SWR and blown finals problem now solved?

Lou W7DZN

# 11668. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 01:47:30 UTC
From: John McClain
Topic: 11633  Message: 11668

Thank you Glen. I did this and was then able to get the mic element out. Thanks again.

John
K7SVV@...
----- Original Message -----
From: Glen Farough
To: FT100@yahoogroups.com
Sent: Saturday, January 19, 2002 5:38 PM
Subject: Re: [FT100] Replacement rig received but more trouble

John...the small screw through the push to talk
switch has to be removed to allow the pc board
to come out
73...de Glen VE7LGF
--- John McClain <digi2@...> wrote:
> This is one of the first things I did. I
> went back through the list and found where these
> settings and entered them into my rig but they did
> not change the symptom. Since I posted my last
> message, I have made a few experiments with several
> people. One person spoke into the mic on his FT-100
> the way I do on mine and experienced the wind blast
> and overdriven audio that people are complaining
> about. He feels that all FT-100's are this way and
> that the operator must learn to speak into the
> buttons on the mic and not the three small holes at
> the top of the mic. Next week I am going to switch
> mics with someone else and see if there is any
> change in my audio.
> Has anyone ever loosened or removed the PC
> board in their mic? I need to move mine aside so
> that I can remove the mic element so that I can
> place a piece of cotton in front of it but the PC
> board doesn't want to move. I have removed the
> three screws holding the board but it is still being
> firmly held by something else. Does anyone have an
> ideas?
>
> John
> K7SVV@...
> ----- Original Message -----
> From: Glen Farough
> To: FT100@yahoogroups.com
> Sent: Friday, January 18, 2002 6:28 PM
> Subject: Re: [FT100] Replacement rig received but

> more trouble
>
>
> John ...Make these changes from the defaults if
> you
> have not done yet...Note the default settings of
> these menu options and then adjust them as
> follows...
> Almost gave up on my tx audio with the stock mic,
> but this worked out well...
> MENU:
> 25, 40
> 26, 45
> 27, 40
> 33, 5
> 62, +050
> 63, +050
> 64, -200
> 65, -200
>
> These settings were done by a friend of mine on a
> service monitor after
> MANY hours of playing to get the best sound that
> he
> could get out of the
> radio. His voice has a higher tone than mine and
> the
> same settings work for
> both of us and many others in my area. Please look
> at
> your settings and
> give these a try and see if it makes a difference.
> (From N4XEO email)
> 73 de Glen VE7LGF
> Good Luck
>
> _____
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> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
>
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
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>
> [Non-text portions of this message have been
> removed]
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[Non-text portions of this message have been removed]

# 11669. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 01:50:59 UTC
From: John McClain
Topic: 11633  Message: 11669

Glen,
I did this and am now getting good reports on my audio. I feel that it is a shame to have to speak into the mic different than I used to doing but if I must, I must. I just wonder if everyone else with FT-100'd has to do the same thing. Thank you for the help.

John
K7SVV@...
----- Original Message -----
From: The Simpsons
To: FT100@yahoogroups.com
Sent: Saturday, January 19, 2002 6:17 PM
Subject: Re: [FT100] Replacement rig received but more trouble

I assume you are talking directly into the mic. Try talking across the face of the mic. This will reduce the plosive sounds and also the muffled audio. I have good audio reports with both the FT100 and FT8100 (same model microphones) as long as I talk across the face of the mic. The mic is held almost in contact with my face at the side of my mouth. The mic gain has been reduced to allow for the close speaknig. This also reduces the pick up of any background noise. The bass frequencies are emphasised when talking close and directly into the mic, hence the muffled sound.

Grant, ZL2BK.

----- Original Message -----
From: "John McClain" <digi2@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 20, 2002 6:48 AM
Subject: Re: [FT100] Replacement rig received but more trouble

> This is one of the first things I did. I went back through the
list and found where these settings and entered them into my rig but they
did not change the symptom. Since I posted my last message, I have made a
few experiments with several people. One person spoke into the mic on his
FT-100 the way I do on mine and experienced the wind blast and overdriven
audio that people are complaining about. He feels that all FT-100's are
this way and that the operator must learn to speak into the buttons on the
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going to switch mics with someone else and see if there is any change in my
audio.

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[Non-text portions of this message have been removed]

# 11670. Re: [FT100] FT-817

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 04:13:47 UTC
From: Howard Cunningham
Topic: 4581  Message: 11670

James

All you need to do is to goto www.yahoogroups.com and search for 817 and you will find two (2) FT-817 groups.

WD5DBC
hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@macrollc.com

>>> James Carmody <carmody@...> 01/19/02 09:48PM >>>
Is there an 817 group like this on Yahoo?

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

_____
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11671. Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 04:13:06 UTC
From: kg4fet
Topic: 11626  Message: 11671

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Lee,
> I can certainly understand your frustration.
> Did you get a clear definition of 50% duty cycle. I
> personally don't know what the heck that means.
>
> Also, is the only problem that the solid state power
> components are wasted? Seems that could be replaced at
> component level, not requiring replacement of the
> whole board.
>
> Having been in sales quite a while, I've observed that
> many inside support people just don't understand that
> it takes at least 4 times longer and 4 times the
> expense to get a customer back than it did to get that
> customer in the first place. You'd think that they'd
> want to protect their market share.
>
> Good luck with the ICOM ...
>
> John - WB0RLD
>

John,
Here is a clear deffinition of 50% duty cycle. In the case of FSK
transmissions such as packet, PSK, HELL and the other SC digital modes
50% duty cycle means the power out is set to 100% BUT you do not put
out more then 50 watts or 50% of 100. In the case of 2mtrs this is
25 watts for Packet and other modes. I set mine up for HSCW and HSMS
for 20 watts out of the rig and drive the 200 watt amp with that.
This way the rig stays cool and the PA is not strained in the least I
hope this has cleared up your confusion about 50% duty cycle.
73 and all the best
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 11672. good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 05:26:33 UTC
From: Pres Waterman
Topic: 11672  Message: 11672

I would just like to tell the group of a good experience.

I jsut installed my ~2 year old FT100 and ATAS-100 into a new 02 Escape. I had my techician ground the CQ-5M pigtail to the top of the shock tower I think that's what it's called ) and the mount is at the back of the hood/bonnet opposite the broadcast antenna.

The radio is sitting on the carpet below the driver's seat. There is another ground lead from the thumbscrews I put in the side of the radio, going to the seat anchor.

The remote head is mounted up high on the windshield, behind the sun-visor.

My, oh my, everything is so fine! I have the W2FS QSY'er keypad working for direct frequency entry, and the ignition noise is tolerable. The antenna finds happy SWR dips on all freqs 7-54 MHz. Even the "WARC" bands which are not specified to work.

Life is good.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11673. Re: [FT100] FT-817

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 05:58:48 UTC
From: Pres Waterman
Topic: 4581  Message: 11673

> Is there an 817 group like this on Yahoo?

Nah, it's much bigger and much better! <VBG>

I'm the owner, I am SEVERELY biased.

http://groups.yahoo.com/group/FT817/

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11674. Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 03:16:30 UTC
From: ft100guy
Topic: 11626  Message: 11674

--- In FT100@y..., "signup" <signup@h...> wrote:
> Well, I want to thank everyone for your comments on this matter. I spoke with Yaesu and they said that this condition could occur from one of two things:
>
> 1. Operating with High SWR.
> 2. Operating more than 50% duty cycle.

(I smell poop, do you smell poop?)

Another Hand &*b from Yaesu, good job guys! Fix it for the man will ya! I dont know how they sleep at night.. They do fan mods out "the Ying Yang" and tell this guy that he operated into a hi swr and ran RTTY from his car.. Shame on you people!! Richy N2ZD

Hey Lee, if you want get the part and I will put it in. Along with the fan mod. I am sure it wont take 8 weeks and I will do it on the arm.. Regards.. Richy N2ZD

# 11675. Re: Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 03:24:11 UTC
From: ft100guy
Topic: 11633  Message: 11675

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> This is one of the first things I did. I went back through the list and found where these settings and entered them into my rig but they did not change the symptom. Since I posted my last message, I have made a few experiments with several people. One person spoke into the mic on his FT-100 the way I do on mine and experienced the wind blast and overdriven audio that people are complaining about. He feels that all FT-100's are this way and that the operator must learn to speak into the buttons on the mic and not the three small holes at the top of the mic. Next week I am going to switch mics with someone else and see if there is any change in my audio.
> Has anyone ever loosened or removed the PC board in their mic? I need to move mine aside so that I can remove the mic element so that I can place a piece of cotton in front of it but the PC board doesn't want to move. I have removed the three screws holding the board but it is still being firmly held by something else. Does anyone have an ideas?

There is one screw that is hard to see, make sure you have em all, in addition I modded my mic so that the third hole was open, along with moving the disc over the element so that the (now three holes) were exposed as the disc had a section of it removed. This really cleaned up the audio and the reports were excellent. The main reason for messed up audio is the swr mod and ground straps (two), so if you dont have them, dont waste your time messing with mics.. I jabber jaw directly into the mic with the gain set at 63 and the dsp set to 1. Thats it, no hocus pocus talking into a pillow or holding the mic near my sacroliliac or anything. Excellent reports, each and every time after doing the above things.. Regards.. Richy

# 11676. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 03:23:19 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11570  Message: 11676

Or fatter cable, like RG-8U.

73, Jerry, K0CQ
--
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permission only.

# 11677. FT100D TREAT IT ROUGH !

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 04:04:58 UTC
From: hanksterrus
Topic: 11677  Message: 11677

I LOVE MY RADIO. I LIVE IN TORONTO CANADA, IT'S COLD HERE RIGHT NOW AND MY TRUCK IS OUTSIDE EVERY NITE AND THE RADIO IS IN IT. EVERY MORNING THE RADIO IS COLD AND I DON'T USE IT FOR A FEW MINUTES AFTER TURNING IT ON. MY RADIO IS MOUNTED UNDER THE ASHTRAY WHERE THE BRACKET IS SCREWED TO THE UNDERSIDE JUST IN FRONT OF THE CONSOLE. IT GETS LOTS OF VIBRATION AND BUMPS IN THIS SPOT. I ALSO HAVE THE ATAS 100 ANTENNA, LOVE IT TOO IT'S MOUNTED ON TOP OF THE REAR PASSANGER DOOR WORKS GREAT AND HAVE HAD NO PROBLEMS. I'M IN MY TRUCK 5,6 AND SOMETIMES 8 HOURS A DAY THE RADIO IS ON A LOT OF THE TIME AND BEING USED ALOT.. I'M WRITING THIS REVIEW BECAUSE THIS RADIO PERFORMS FOR ME AND I WOULD RECOMEND IT HIGHLY TO ANYONE. IF IT WERE GONNA SCREW UP I'M SURE IT WOULD HAVE BY NOW. BUT IT CONTINUES TO GET GREAT REPORTS AND DON'T FORGET THIS IS NOT A CB RADIO, I HAVENT DONE ANY MODS TO THIS RADIO AND MY AM SOUNDS NOT TO BAD. PROUD OWNER YAESU FT100D AND ATAS 100 73. P.S. I'VE ALSO OWNED A ICOM 706 AND LIKE THE FT100D BETTER.

# 11678. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 04:54:57 UTC
From: robert blumenkranz
Topic: 11570  Message: 11678

The lenght of the cable is about 35 feet but it is
RG8X and there is plenty of power for the antenna. I
did try a short coax on a test fixture with a good
ground and the problem was the same.
Thanks,
Bob
--- Bill Reid- VE3VWD <ve3vwd@...> wrote:
> Bob
>
> You say this is a motor home.
> How long is your antenna cable? It could be too long
> causing a
> voltage drop not allowing the antenna to function
> properly.
> Try testing the antenna with a shorter cable.
>
> Just a thought !
>
>
> Bill
>
>
>
> At 19/01/2002 07:55 PM Saturday, you wrote:
> >I installed a brand new FT-100D today and I still
> have
> >the exact problem as before.
> >
> >I opened the top cover to see if it had the SWR mod
> >installed from the factory which it did but this
> did
> >not help my problem. The radio and the one before
> with
> >the problem both were late model FT-100D with 2001
> >date code in May or June of 2001.
> >
> >I have a very good ground plane (30ft. roof of
> solid
> >aluminum of my motor home) and when the antenna
> >resonates it has a very low swr so this is not the
> >problem.
> >
> >I cannot set the swr to null using the "tun"
> command
> >because the automatic mode always lands on a hi swr

> >point, usually I have to manually move the antenna
> in
> >the up direction and allow it to overshoot the dip,
> >then I watch the antenna move under command of the
> >radio (I have released the button). If I am lucky
> >about 25% of the time, the antenna will move back
> to
> >near the resonant point. This takes several tries
> >manually up and down trying to hit the dip, and it
> is
> >a real pain.
> >
> > From what I am seeing there appears to be a
> >microprocessor program error that is making the
> >antenna hunt in the reverse direction after the
> >up/down button is released. If I am corrent then no
> >one with the new radios is going to be able to use
> the
> >ATAS-100 antenna in the manual mode until this is
> >fixed. I have measured the voltage during manual
> >tuning and observed that the radio is commanding
> the
> >antenna to reverse after letting up on the up/down
> >button.
> >
> >Anyone with a similar problem with a new FT-100D
> and
> >the ATAS-100 antenna please let me know. The only
> >thing I have not done is to try a different
> antenna.
> >Since the voltage is causing the antenna to move
> when
> >it should stop I have ruled out the antenna and I
> >believe that it is the new radios that may have
> been
> >reprogrammed to fix the swr problem and may now be
> >overcompensating.
> >
> >Any thoughts?
> >
> >Thanks,
> >Bob Ni6R
> >--- Jeff kb2m <kb2wqm@...> wrote:
> > > >...Going to manual tune I notice that I could
> see
> > > the SWR dip on the FD-100,
> > > > but as soon as I let up on the up or down
> button
> > > the antenna stops
> > > > and reverses direction for about 1/2 inch.

> > >
> > > Does the Antenna icon on the radio indicate that
> it
> > > is going in the other direction?
> > >
> > > 73 Jeff kb2m
> > >
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> > >
> >
> >
> >_____
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> >WWW:
>
><http://www.k0lee.com/ft100faq.html>http://www.k0lee.com/ft100faq.html
> >
> >We are all a part of this Lets make it as good as
> possible.
> >
> >Your use of Yahoo! Groups is subject to the
> ><http://docs.yahoo.com/info/terms/>Yahoo! Terms of
> Service.
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>
> [Non-text portions of this message have been
> removed]
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>
>

_____
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# 11679. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 05:06:25 UTC
From: robert blumenkranz
Topic: 11570  Message: 11679

Thanks Lee,
Good comments and yes I have measured the voltage and observed it revesing for about 1/2 second so the motor is being told by the xcver to reverse at the last moment. It is good to know that the problem is NOT normally observed so at least I know that this has not been seen before. I tend to agree with you that it may be a SLOW voltage drop causing the comparator to SEE the decaying voltage as a DOWN command once it is supposed to drop off. I will do some more experimenting on it to see if I can narrow it down. It did occur to me that I should be able to control the antenna with an external DC source and see how it responds. I could hook up a couple of powwer supplies and control it up/down but then that is what the radio is doing. I may try another antenna if all else fails.

Thanks for your suggestions.
Bob Ni6r
--- Lee Devlin <lee810@...> wrote:
>
> --- robert blumenkranz <radiobob300@...>
> wrote:
> >...I have to manually move the antenna
> > in
> > the up direction and allow it to overshoot the
> dip,
> > then I watch the antenna move under command of the
> > radio (I have released the button). If I am lucky
> > about 25% of the time, the antenna will move back
> to
> > near the resonant point. This takes several tries
> > manually up and down trying to hit the dip, and it
> > is
> > a real pain.
>
> The antenna extends when the voltage exceeds 10.4V
> DC
> and retracts when the voltage falls below 8.4V DC.
> It
> sounds almost like the voltage is falling too slowly
> and thus causing your antenna to start retracting
> for
> a while after it has found a match. If you have the
> equipment, it would make sense to see if the antenna

> has something wrong with it by running it with a
> variable DC supply. Don't run it to the stops,
> because you don't want to stall out the motor but
> see
> if you can determine if it continues to move or
> switch
> direction after you remove the voltage source. It
> seems almost like there's a storage capacitor in the
> antenna, and you can't shut down the voltage fast
> enough as it swings down past 8.4 V and thus it
> reverses direction and retracts.
>
> Does it work the same way when you're retracting the
> antenna? That is, does it retract and then reverse
> direction and extend for a while or does it only do
> the motion reversal after it's been extended?
>
> Believe me, what you are seeing is not normal and I
> can certainly understand your frustration. The
> antenna is supposed to tune automatically. That is
> what makes it convenient. A motorized antenna that
> you have to tune manually isn't convenient. An
> antenna that works *against* you as you're trying to
> tune it is downright frustrating.
>
> The next step would be to isolate whether it's the
> rig
> (i.e., some firmware bug) or the antenna. I'd be
> very
> surprised if it's a firmware bug as we'd expect to
> be
> hearing a lot of users on this forum with the same
> problem, (unless, of course, you have the first
> one...)
>
> Since swapping out the rig didn't work, ask the shop
> to swap you for another ATAS. That would certainly
> be
> a quick test to help in determining if the antenna
> is
> to blame.
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at
> http://k0lee.com/ft100faq.html
>
> ------------------------------------------------

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---
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# 11680. Re: FT-100 PA repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 04:35:34 UTC
From: wb4eje
Topic: 11626  Message: 11680

I just got an estimate of $505 for a similar repair. My rig, after a year of otherwise trouble free operation started showing a Hi SWR indication on the display. I checked the antenna and it was fine. I put the rig on the bench with a Bird watt meter, frequency counter, and dummy load. I found the final was oscillating about about 200-300 Mhz when the Hi SWR was displayed. Then, the rig blew the fuses. Seems it developed a low impedance short across the power input. Turns out the one of the final FETs was blown and the UHF/VHF module. How could it blow out both at the same time ???

Looking around on the web, I found that the oscillation problem was common and Yaesu has a fix for it. I think you can probably find links on this group to photos describing the fix. Seems they used copper tape stuck to the chassis for making ground connections and after some time the tape begins to fail. The fix was to use a screw into the die-cast chassis for the grounding.

So, Yaesu telling you that the cause was operation at hi swr was correct, but I don't think they are telling the whole story. The rig has built in turn down to protect the finals from hi swr. However, if the rig goes into oscillation the turn down does not protect it.

I have also elected not to repair my FT-100. I'll either sell it for scrap or fix it myself....probably should have done that in the first place rather than waiting 9 weeks for an estimate from Yaesu!

This is not my first Yaesu, I have a number of them including a FT-817 and a FT-847. But, it will my last if they don't give me some accommoditation on the repairs. I have written a couple of emails to the that have been ignored....I am going to try to get someone on the phone and see what can be done.

DE WB4EJE

--- In FT100@y..., "signup" <signup@h...> wrote:
> Well, I want to thank everyone for your comments on this matter. I spoke with Yaesu and they said that this condition could occur from one of two things:
>
> 1. Operating with High SWR.
> 2. Operating more than 50% duty cycle.
>
> Well the radio has been used mobile with the Yaesu ATAS-100 which is autotuned ... and operating SSB or repeaters should not have exceeded the 50% duty cycle ... So, they are at a loss as to what happened, but feel confident, that if I spend an additional 550.00 the PA won't go

out again .. even though .. they don't know what caused it this time
...
>
> I am very disappointed, the radio was just over a year old, had less
than 100 hours on it and cost close to 1000 dollars. This was my very
first Yaesu HF radio. I will never buy any more Yaesu products.
>
> After a lot of deliberation, I have decided not to repair the FT100
-- instead I will sell it and the ATAS-100 for scrap on eBay. Tomorrow
I will go into town and by an Icom-706Mk2G for $ 300 more than the
repair price and it comes with a 1 year warranty.
>
> Thanks again and I'll be disconnecting from the group shortly.
>
> 73, /lee - kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
>
> ----- Original Message -----
> From: John Spiceman
> To: FT100@y...
> Sent: January 18, 2002 18:17
> Subject: Re: [FT100] FT-100 PA repair
>
>
> Lee,
> I'm sorry about your misfortune. I would agree with
> others that putting that much out for a repair is not
> wise.
> What happened to cause such a catastrophic thing to
> occur? I want to make sure I don't put mine in the
> same harm's way.
>
> John - WB0RLD
> --- signup <signup@h...> wrote:
> > Well, I finally heard from Yaesu today about my
> > FT-100 ... $550.00 to replace the PA .. Radio has
> > less than 100 hours on it .. Used it mobile with the
> > ATAS-100 ... So I am in a quantra as to what to do
> > .. repair it or go buy an IC-706MkII ..
> >
> > Bummer day ... This is the first new Yaesu radio I
> > have ever owned ... Not sure I want to own anymore
> > ...
> >
> > /lee - kr5f
> > Have we Qso'd - Find out at www.kr5f.com
> >
> >
> >

> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
> >
>
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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>
> [Non-text portions of this message have been removed]

# 11681. Re: [FT100] good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 06:47:37 UTC
From: John McClain
Topic: 11672  Message: 11681

Wow, something actually went well. Don't see much of that around here, do we? Where did you find the thumbscrews? I have been looking in the local hardware stores with no luck. Are they 4mm screws?

John
K7SVV@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Saturday, January 19, 2002 10:26 PM
Subject: [FT100] good experience

I would just like to tell the group of a good experience.

I jsut installed my ~2 year old FT100 and ATAS-100 into a new 02 Escape. I had my techician ground the CQ-5M pigtail to the top of the shock tower I think that's what it's called ) and the mount is at the back of the hood/bonnet opposite the broadcast antenna.

The radio is sitting on the carpet below the driver's seat. There is another ground lead from the thumbscrews I put in the side of the radio, going to the seat anchor.

The remote head is mounted up high on the windshield, behind the sun-visor.

My, oh my, everything is so fine! I have the W2FS QSY'er keypad working for direct frequency entry, and the ignition noise is tolerable. The antenna finds happy SWR dips on all freqs 7-54 MHz. Even the "WARC" bands which are not specified to work.

Life is good.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 11682. Re: [FT100] good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 12:21:18 UTC
From: Pres Waterman
Topic: 11672  Message: 11682

> Wow, something actually went well. Don't see much of that around here, do we? Where did you find the thumbscrews? I have been looking in the local hardware stores with no luck. Are they 4mm screws?

I know! Thought I'd rock some worlds!

Try a truckstop or CB place, you know, the kind of place that sells Transel brand stuff on red packages.

I think they are 4mmX6mm length, there should be a sticker on the side of the radio saying 4mm or m4x6

If no luck, try http://www.tandmelectronics.com

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11683. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 11:40:06 UTC
From: alpha
Topic: 11626  Message: 11683

QUESTION I HAVE RELATES TO POWER OUT ON A.M. THE BOOK SWAYS NOTHING ABOUT A.M. OPERATION. WHEN I KEY UP THE METER SHOWS 100 WATTS, BUT SPECS SAY 40 PERCENT DUTY CYCLE. AM I SUPPOSED TO GO INTO THE MENU AND DROP THE POWER TO 40 PERCENT ???? AND BY THE WAY, MY 100D WORKS GREAT, IN ROUGH SERVICE. SOUNDS GOOD ON A.M. WITHOUT THE FILTERS
DE N6BXZ FT WORTH ..........
kg4fet <kg4fet@...> wrote: --- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Lee,
> I can certainly understand your frustration.
> Did you get a clear definition of 50% duty cycle. I
> personally don't know what the heck that means.
>
> Also, is the only problem that the solid state power
> components are wasted? Seems that could be replaced at
> component level, not requiring replacement of the
> whole board.
>
> Having been in sales quite a while, I've observed that
> many inside support people just don't understand that
> it takes at least 4 times longer and 4 times the
> expense to get a customer back than it did to get that
> customer in the first place. You'd think that they'd
> want to protect their market share.
>
> Good luck with the ICOM ...
>
> John - WB0RLD
>

John,
Here is a clear deffinition of 50% duty cycle. In the case of FSK transmissions such as packet, PSK, HELL and the other SC digital modes 50% duty cycle means the power out is set to 100% BUT you do not put out more then 50 watts or 50% of 100. In the case of 2mtrs this is 25 watts for Packet and other modes. I set mine up for HSCW and HSMS for 20 watts out of the rig and drive the 200 watt amp with that. This way the rig stays cool and the PA is not strained in the least I hope this has cleared up your confusion about 50% duty cycle.
73 and all the best
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---
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[Non-text portions of this message have been removed]

# 11684. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 13:22:20 UTC
From: Jeff kb2m
Topic: 11570  Message: 11684

When I installed my new FT-100 , and used ATAS antenna in my 98 Ford Exploder I was experiencing some symptoms similar to what your seeing. I spent the afternoon grounding the ATAS, jerking around with the coax length etc. I then noticed by chance that the antenna sometimes wouldn't go up, unless the engine was running. The battery measured 12.4 volts, a little weak. I replaces the original battery and the erratic antenna problems went away. I'm using about 15 foot of rg8x, and the FT-100 is fed via 4 gauge wire directly to the battery, both sides fused. You might want to check the voltage to the radio, engine running , and off.

73 Jeff kb2m

> The antenna extends when the voltage exceeds 10.4V
> DC and retracts when the voltage falls below 8.4V DC.

[Non-text portions of this message have been removed]

# 11685. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 13:29:21 UTC
From: Paul Manuel
Topic: 11626  Message: 11685

--- kg4fet <kg4fet@...> wrote:
> John,
> Here is a clear deffinition of 50% duty cycle. In the case of FSK
> transmissions such as packet, PSK, HELL and the other SC digital modes
> 50% duty cycle means the power out is set to 100% BUT you do not put
> out more then 50 watts or 50% of 100. In the case of 2mtrs this is
> 25 watts for Packet and other modes.
Sorry to disagree, Sandor, but 50% duty cycle refers to TIME, not power. A true 50% duty cycle refers to full power, transmitting half the time, receiving half the time.
I am not saying you should run full power on digital modes!! I am only clarifying the term "50% duty cycle." If Yaesu is referring to lowering power on digital modes, then "50% duty cycle" is the wrong terminology.

73,
Paul K4PDM

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# 11686. Re: [FT100] PL Tone 206 and 254

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 07:48:56 UTC
From: danbay
Topic: 11647  Message: 11686

This is ture, becuase they fall into a harmonic intermod beat.

---
> From: Eric van de Weyer <evdw@...>
> To: FT100@yahoogroups.com
> Subject: RE: [FT100] PL Tone 206 and 254
> Date: Saturday, January 19, 2002 11:50 AM
>
> Maybe because they are not part of the standard tones.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: n2ki [mailto:n2ki@...]
> Sent: Saturday, 19 January 2002 4:03 PM
> To: FT100@yahoogroups.com
> Subject: [FT100] PL Tone 206 and 254
>
>
> Anybody have an idea why pl tones 206 and 254 are not included in
> the selection of available CTCSS tones ? Just curious.
>
> Tony - N2KI
>
>
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>
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
> [Non-text portions of this message have been removed]
>

>
>
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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>

# 11687. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 09:49:56 UTC
From: danbay
Topic: 11570  Message: 11687

I f the moter home is mostly fiberglass this will present a grounding problem for the atas 100 and even with the al roof ( which is the best way to battle this ) keep in mind the frame for the body and stucture ( studding ) may have to be addressed.
GOOD LUCK
W1WQ

---

> From: Robert blumenkranz <radiobob300@...>
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT-100D & ATAS-100 problem
> Date: Sunday, January 20, 2002 4:54 AM
>
> The lenght of the cable is about 35 feet but it is
> RG8X and there is plenty of power for the antenna. I
> did try a short coax on a test fixture with a good
> ground and the problem was the same.
> Thanks,
> Bob
> --- Bill Reid- VE3VWD <ve3vwd@...> wrote:
> > Bob
> >
> > You say this is a motor home.
> > How long is your antenna cable? It could be too long
> > causing a
> > voltage drop not allowing the antenna to function
> > properly.
> > Try testing the antenna with a shorter cable.
> >
> > Just a thought !
> >
> >
> > Bill
> >
> >
> >
> > At 19/01/2002 07:55 PM Saturday, you wrote:
> > >I installed a brand new FT-100D today and I still
> > have
> > >the exact problem as before.
> > >
> > >I opened the top cover to see if it had the SWR mod
> > >installed from the factory which it did but this
> > did
> > >not help my problem. The radio and the one before

> > with
> > >the problem both were late model FT-100D with 2001
> > >date code in May or June of 2001.
> > >
> > >I have a very good ground plane (30ft. roof of
> > solid
> > >aluminum of my motor home) and when the antenna
> > >resonates it has a very low swr so this is not the
> > >problem.
> > >
> > >I cannot set the swr to null using the "tun"
> > command
> > >because the automatic mode always lands on a hi swr
> > >point, usually I have to manually move the antenna
> > in
> > >the up direction and allow it to overshoot the dip,
> > >then I watch the antenna move under command of the
> > >radio (I have released the button). If I am lucky
> > >about 25% of the time, the antenna will move back
> > to
> > >near the resonant point. This takes several tries
> > >manually up and down trying to hit the dip, and it
> > is
> > >a real pain.
> > >
> > > From what I am seeing there appears to be a
> > >microprocessor program error that is making the
> > >antenna hunt in the reverse direction after the
> > >up/down button is released. If I am corrent then no
> > >one with the new radios is going to be able to use
> > the
> > >ATAS-100 antenna in the manual mode until this is
> > >fixed. I have measured the voltage during manual
> > >tuning and observed that the radio is commanding
> > the
> > >antenna to reverse after letting up on the up/down
> > >button.
> > >
> > >Anyone with a similar problem with a new FT-100D
> > and
> > >the ATAS-100 antenna please let me know. The only
> > >thing I have not done is to try a different
> > antenna.
> > >Since the voltage is causing the antenna to move
> > when
> > >it should stop I have ruled out the antenna and I
> > >believe that it is the new radios that may have
> > been
> > >reprogrammed to fix the swr problem and may now be
> > >overcompensating.

> > >
> > >Any thoughts?
> > >
> > >Thanks,
> > >Bob Ni6R
> > >--- Jeff kb2m <kb2wqm@...> wrote:
> > > > >...Going to manual tune I notice that I could
> > see
> > > > > the SWR dip on the FD-100,
> > > > > > but as soon as I let up on the up or down
> > button
> > > > > the antenna stops
> > > > > > and reverses direction for about 1/2 inch.
> > > > >
> > > > > Does the Antenna icon on the radio indicate that
> > it
> > > > > is going in the other direction?
> > > > >
> > > > > 73 Jeff kb2m
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been
> > > > > removed]
> > > > >
> > > > >
> > > > >
> > > >
> > >
> > >_____
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> > >FAQ on
> > >WWW:
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>
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>
>

# 11688. Re: [FT100] good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 14:30:01 UTC
From: HENRY VAN MAURIK
Topic: 11672  Message: 11688

YOU HAVE DIRECT KEYPAD ENTRY???? IF SO HOW AND WHERE CAN I GET ONE???
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Sunday, January 20, 2002 12:26 AM
Subject: [FT100] good experience

I would just like to tell the group of a good experience.

I jsut installed my ~2 year old FT100 and ATAS-100 into a new 02 Escape. I had my techician ground the CQ-5M pigtail to the top of the shock tower I think that's what it's called ) and the mount is at the back of the hood/bonnet opposite the broadcast antenna.

The radio is sitting on the carpet below the driver's seat. There is another ground lead from the thumbscrews I put in the side of the radio, going to the seat anchor.

The remote head is mounted up high on the windshield, behind the sun-visor.

My, oh my, everything is so fine! I have the W2FS QSY'er keypad working for direct frequency entry, and the ignition noise is tolerable. The antenna finds happy SWR dips on all freqs 7-54 MHz. Even the "WARC" bands which are not specified to work.

Life is good.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

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[Non-text portions of this message have been removed]

# 11689. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 14:43:09 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11626  Message: 11689

You only want 25 watts carrier on AM, else you can't modulate it and run it through the 100 watt peak power amplifier in the radio if the carrier is bigger. Then you still may only want to transmit 40% of the time.

73, Jerry, K0CQ

--
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# 11690. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 14:51:16 UTC
From: lhlousek
Topic: 11626  Message: 11690

>Sorry to disagree, Sandor, but 50% duty cycle refers to TIME, not power. A
>true 50% duty cycle refers to full power, transmitting half the time,
>receiving half the time.

Maybe yes and maybe no. 50% duty cycle means 50% of full duty, full duty being 100W continuous. If you transmit 50% of the time at 100W or 50W for 100% of the time either might be construed as 50% duty cycle.

One thing not adequately specified is how often you have to switch off to achieve a 50% duty cycle. If you TX for a second and RX for a second that's probably 50% duty. But what about TX for 1 minute and RX for 1 minute, TX for 5 minutes and RX for 5 minutes, or even TX for 1 hr and RX for 1hr. All of those are 50% duty, time wise.

Lou W7DZN

# 11691. RE: [FT100] good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 15:16:08 UTC
From: Richard W. Solomon
Topic: 11672  Message: 11691

I found mine at a local hardware store, used 8-32 size.
Found a spot on the rear that I could put the screw thru
without mangling the innards.

73, Dick, W1KSZ

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Sunday, January 20, 2002 7:21 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] good experience

> Wow, something actually went well. Don't see much of that around here, do
we? Where did you find the thumbscrews? I have been looking in the local
hardware stores with no luck. Are they 4mm screws?

I know! Thought I'd rock some worlds!

Try a truckstop or CB place, you know, the kind of place that sells Transel
brand stuff on red packages.

I think they are 4mmX6mm length, there should be a sticker on the side of
the radio saying 4mm or m4x6

If no luck, try http://www.tandmelectronics.com

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

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# 11692. RE: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 15:16:11 UTC
From: Richard W. Solomon
Topic: 11570  Message: 11692

I found that the radio had very fuzzy audio on 20 with the engine off.
The FT-100 input voltage lower limit is very critical.

73, Dick, W1KSZ

-----Original Message-----
From: Jeff kb2m [mailto:kb2wqm@...]
Sent: Sunday, January 20, 2002 8:22 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT-100D & ATAS-100 problem

When I installed my new FT-100 , and used ATAS antenna in my 98 Ford
Exploder I was experiencing some symptoms similar to what your seeing. I
spent the afternoon grounding the ATAS, jerking around with the coax length
etc. I then noticed by chance that the antenna sometimes wouldn't go up,
unless the engine was running. The battery measured 12.4 volts, a little
weak. I replaces the original battery and the erratic antenna problems went
away. I'm using about 15 foot of rg8x, and the FT-100 is fed via 4 gauge
wire directly to the battery, both sides fused. You might want to check the
voltage to the radio, engine running , and off.

73 Jeff kb2m

> The antenna extends when the voltage exceeds 10.4V
> DC and retracts when the voltage falls below 8.4V DC.

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11693. direct frequency entry was Re: [FT100] good experience

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 21:41:07 UTC
From: Pres Waterman
Topic: 11693  Message: 11693

> YOU HAVE DIRECT KEYPAD ENTRY???? IF SO HOW AND WHERE CAN I GET ONE???

W2FS
JOHN A HANSEN
49 MAPLE AVE
FREDONIA NY 14063 USA
hansen@...

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11694. Re: [FT100] FT100D TREAT IT ROUGH !

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 19:34:42 UTC
From: Glen Farough
Topic: 11677  Message: 11694

Good to see Flowers on a Great Radio!
But caution...
Make sure that Yaesu has done or you do equiv simple
2 only MODS!
1) Thermal mod for vhf/uhf use
*** Don't let that radio get warm receiving ***
(simple 50 ohm resistor mod, putting resistor between
either black fan lead and ground to make the fan run
slow speed full time) Works well for everyone
2) VSWR mod to curb troubles when the copper tape
ground plays out...(simple tin strap or short pieces
of solder wick) as pictured in mods
That oscillation escalates from false VSWR icons to
PA failures.
So...If you are lucky enough to have these two issues
covered or spend less than a nickel to fix them up...
You will be happy like the rest of us forever!
This note bouncing around about Poor tx audio with
stock mic should be done too...
Pasting...
Make these changes from the defaults if you
have not done yet...Note the default settings of
these menu options and then adjust them as
follows...
Almost gave up on my tx audio with the stock mic,
but this worked out well...
MENU:
25, 40
26, 45
27, 40
33, 5
62, +050
63, +050
64, -200
65, -200

These settings were done by a friend of mine on a
service monitor after
MANY hours of playing to get the best sound that he
could get out of the
radio. His voice has a higher tone than mine and the
same settings work for
both of us and many others in my area. Please look
at
your settings and

give these a try and see if it makes a difference.
(From N4XEO email)
73 de Glen VE7LGF
Good Luck

Those hot humid days comming this summer in Toronto
will take out your little ft100d buddy that worked
so well during the hockey season...
Check out the need for the fan and swr if needed?
c ya
--- hanksterrus <hanksterr@...> wrote:
> I LOVE MY RADIO. I LIVE IN TORONTO CANADA, IT'S COLD
> HERE RIGHT NOW
> AND MY TRUCK IS OUTSIDE EVERY NITE AND THE RADIO IS
> IN IT. EVERY
> MORNING THE RADIO IS COLD AND I DON'T USE IT FOR A
> FEW MINUTES AFTER
> TURNING IT ON. MY RADIO IS MOUNTED UNDER THE ASHTRAY
> WHERE THE
> BRACKET IS SCREWED TO THE UNDERSIDE JUST IN FRONT OF
> THE CONSOLE. IT
> GETS LOTS OF VIBRATION AND BUMPS IN THIS SPOT. I
> ALSO HAVE THE ATAS
> 100 ANTENNA, LOVE IT TOO IT'S MOUNTED ON TOP OF THE
> REAR PASSANGER
> DOOR WORKS GREAT AND HAVE HAD NO PROBLEMS. I'M IN MY
> TRUCK 5,6 AND
> SOMETIMES 8 HOURS A DAY THE RADIO IS ON A LOT OF THE
> TIME AND BEING
> USED ALOT.. I'M WRITING THIS REVIEW BECAUSE THIS
> RADIO PERFORMS FOR
> ME AND I WOULD RECOMEND IT HIGHLY TO ANYONE. IF IT
> WERE GONNA SCREW
> UP I'M SURE IT WOULD HAVE BY NOW. BUT IT CONTINUES
> TO GET GREAT
> REPORTS AND DON'T FORGET THIS IS NOT A CB RADIO, I
> HAVENT DONE ANY
> MODS TO THIS RADIO AND MY AM SOUNDS NOT TO BAD.
> PROUD OWNER YAESU
> FT100D AND ATAS 100 73. P.S. I'VE ALSO OWNED A ICOM
> 706 AND LIKE THE
> FT100D BETTER.
>
>
>

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# 11695. RE: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 20:43:35 UTC
From: robert blumenkranz
Topic: 11570  Message: 11695

I am not having a voltage problem but I am narrowing down this problem. I have tested the antenna with a 12 volt battery and when I remove the voltage the antenna stops dead in it's tracks as it should. Running the antenna from the radio in manual mode "always" results in my ATAS going back down about .25 to .5 inches after releasing the "UP" button on the radio. This incorrect down motion is there no matter what length of coax I have and does not depend on the condition of the ground which on my system is excellent. I get a 1:1 match on all bands when the antenna is at resonance.

Can someone please verify the following:

When you Manually move the antenna and release the "UP" button does your antenna stop immedately or does it move a bit in the opposite direction.

So far 2 Brand new FT-100 D that I have tested are unable to control the antenna correctly in the manual mode. This failure is the same in the automatic mode.

I have eliminated the coax length and low voltage as a possible source of the problem. I have tried the radio with a short coax and locating the antenna on a different vehicle roof.

This is definately a DC control problem of sorts that seems to be somehow caused by the radio which is not dropping the voltage to zero fast enough when told to stop the motion of the antenna.

Unfortunately I keep coming back to the radio as the most likely source of the problem. All SWR mods are factory installed as the picture shows so this is not an issue with this radio.

I am inclined to think that the Micoprocessor may have been reprogramed in this run of FT-100 D to do this for some unknown reason since the antenna contol circuit appears to show that the Up/down buttons connect to the micro which then commands the antenna to move. If the antenna move command has a delay or somekind of reverseal of voltage even for a .5 second then this would explain what I am seeing.

Thanks for any help in this matter.

Bob Ni6R

Thanks,

Bob Ni6R
--- "Richard W. Solomon" <w1ksz@...> wrote:
> I found that the radio had very fuzzy audio on 20
> with the engine off.
> The FT-100 input voltage lower limit is very
> critical.
>
> 73, Dick, W1KSZ
>
> -----Original Message-----
> From: Jeff kb2m [mailto:kb2wqm@...]
> Sent: Sunday, January 20, 2002 8:22 AM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT-100D & ATAS-100 problem
>
>
> When I installed my new FT-100 , and used ATAS
> antenna in my 98 Ford
> Exploder I was experiencing some symptoms similar to
> what your seeing. I
> spent the afternoon grounding the ATAS, jerking
> around with the coax length
> etc. I then noticed by chance that the antenna
> sometimes wouldn't go up,
> unless the engine was running. The battery measured
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> weak. I replaces the original battery and the
> erratic antenna problems went
> away. I'm using about 15 foot of rg8x, and the
> FT-100 is fed via 4 gauge
> wire directly to the battery, both sides fused. You
> might want to check the
> voltage to the radio, engine running , and off.
>
>
>
> 73 Jeff kb2m
>
>
>
> > The antenna extends when the voltage exceeds 10.4V
> > DC and retracts when the voltage falls below 8.4V
> DC.
>
>
>

> [Non-text portions of this message have been
> removed]
>
>
>
> Post message: FT100@yahoogroups.com
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> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
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# 11696. The TWO BIG Chronic FT-100 Problems...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 21:31:26 UTC
From: k5btk
Topic: 11696  Message: 11696

Santa brought me a new FT-100D this year! Like many of you guys (based on how many of your calls I see on the other Yaesu groups) I am a confirmed Yaesu fan. My wife knew about my Yaesu enthusuasm and sprung this one on me without my prior knowledge.

A great deal of the bandwidth on most of the newsgroups is of course devoted to equipment problems. I think that's as it should be. We are all concerned about potential problems and possible fixes that might head off disaster. But I suspect that these problems tend to dominate the groups in a way that may lead us to believe that the problems are more widespread than is actually the case. A report of a failure has a tendency to create much longer threads than reports of total satifaction. I really would like to know what PERCENTAGE of FT-100 owners have experienced the BIG TWO problems. Could it be that the MAJORITY of the rigs are offering satisfactory performance?

In spite of the often reported fading LCD display problems reported on the 1000MP user group, my own MP has been well behaved. (I did buy a couple of fluorescent backlight tubes and put them in my parts box just to ward off demons). I bought it because of the mountains of good reports which I saw coming back from DXpeditions, etc.

My 817 has been all I had hoped it would be (after putting in the CW filter). The 847 suffers only from the decrease in satellite activity which followed the last hard-luck launch.

When Santa brought me the new 100D, I immediately corresponded with Yaesu about the lack of periodic fan cooling in the VHF/UHF modes. The technician told me that the "fix" could be installed - but that it is not necessary. Many of the guys are convinced that this response is all part of a conspiracy to hide a problem which Yaesu wants to ignore. But I think it's just possible that Yaesu has addressed the problem and acted to correct it. I sure hope so!

My rig (Serial 1G...) came with the SWR modification. Is it possible that the BIG TWO problems are in reality the SAME problem? Could it be that the stray VHF/UHF oscillation that the unmodified rigs have broken into produced BOTH the high SWR indications AND were resposible for the fried VHF finals? If so, then perhaps eliminating the spurious oscillation eliminates the need for the cooling modification. I hope that both problems disappear with the grounding mod.

# 11697. ATAS & FT100D problem resolved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 21:42:11 UTC
From: robert blumenkranz
Topic: 11697  Message: 11697

After hours of testing here is what I have discovered.
The new FT100D radios put out the following voltage to
the antenna:
UP 10.4v RElease Up button 9.2v for about .5 sec.

Down 7.2 REelase Down button 8.2v for about .5 sec.

This voltage is the control voltage to the antenna and
it is sent to control any up/down motion of the
antenna. The problem is that in my NEW combination of
FT-100D and ATAS, the comparator inside the ATAS
antenna is not being given two distinct voltages as
should be the case for the comparator to do the
control without reversing. This is causing the
reversal in direction momentarily after either UP or
Down control.

Online Spec info on FT100 group site suggests the
following:

"According to the values of the voltage divider
circuits shown in the technical supplement +8.4V
applied to the coax causes the ATAS-100 to retract,
and +10.4V or more will cause it to extend"

In my case the antenna is reversing direction when the
voltage stops for a .5 second after the correct
voltage is being sent. It appears that the comparator
is unable to ignore the residual voltage coming from
the radio which results in reverse motion.

Having discovered that this is the case I am
interested if anyone can verify the voltage seen going
to the antenna to see if the voltage does
look like what I have seen listed above. If I can
verify this then maybe I will exchange the ATAS
antenna and hope that a new one will be able to ignore
the voltage step coming after the release of the
contol button. Otherwise Yaesu will have to redesign
the comparator inside the to work under
these voltage ranges if that can be done considering
that it should NOT be happeing!!

Thanks,
Bob Ni6r

---
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# 11698. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 22:56:17 UTC
From: John Spiceman
Topic: 11626  Message: 11698

Thanks to all for helping to shed some light on the
50% duty cycle thing. Someone initially mentioned this
figure being in the manual. Guess I missed it ...
still can't find it in there.
I use my FT100 a lot for 10 mtr AM. A true AM
conversation is long winded so the 50% duty cycle gets
thoroughly tested. You just have to pray that there
are a lot of people also in the QSO so you can hit the
50% :-)

John - WB0RLD

--- kg4fet <kg4fet@...> wrote:
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Lee,
> > I can certainly understand your frustration.
> > Did you get a clear definition of 50% duty cycle.
> I
> > personally don't know what the heck that means.
> >
> > Also, is the only problem that the solid state
> power
> > components are wasted? Seems that could be
> replaced at
> > component level, not requiring replacement of the
> > whole board.
> >
> > Having been in sales quite a while, I've observed
> that
> > many inside support people just don't understand
> that
> > it takes at least 4 times longer and 4 times the
> > expense to get a customer back than it did to get
> that
> > customer in the first place. You'd think that
> they'd
> > want to protect their market share.
> >
> > Good luck with the ICOM ...
> >
> > John - WB0RLD
> >
>
> John,

> Here is a clear deffinition of 50% duty cycle. In
> the case of FSK
> transmissions such as packet, PSK, HELL and the
> other SC digital modes
> 50% duty cycle means the power out is set to 100%
> BUT you do not put
> out more then 50 watts or 50% of 100. In the case
> of 2mtrs this is
> 25 watts for Packet and other modes. I set mine up
> for HSCW and HSMS
> for 20 watts out of the rig and drive the 200 watt
> amp with that.
> This way the rig stays cool and the PA is not
> strained in the least I
> hope this has cleared up your confusion about 50%
> duty cycle.
> 73 and all the best
> DE KG4FET Sandor Proud owner of Yaesu's FT 100 and
> ATAS 100
>
>

---
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# 11699. AM Negative Modulation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-20 23:20:53 UTC
From: jrmorris28
Topic: 11699  Message: 11699

Was talking on AM yesterday and a friend close to me said my carrier was "full quieting" but there was little audio when I modulated. Hum.. Well, sure enough, I brought the FT100 into the shack and hooked up the power meter.

Sure enough, when I keyed the transmitter, the carrier went up to 25 watts as required. Then when I modulated, the output went down to 5-10 watts. The ALC seems to be kicking up quite high which is probably the reason for the output dropping off. Did this on the ATAS100, base station vertical and dummy load.

Any ideas as to why this would be happening only in AM. SSB, FM and CW still put out full power? I thought maybe I inadvertently changed a function setting but I've been through all regular and "F".

If it was rf feedback, it would affect all modes. There is NO ALC setting for AM mode only, is there? I'm stumped !!!

Thanks guys,

John - WB0RLD

# 11700. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 01:13:26 UTC
From: Paul Manuel
Topic: 11626  Message: 11700

--- lhlousek <lhlousek@...> wrote:
> >Sorry to disagree, Sandor, but 50% duty cycle refers to TIME, not
> power. A
> >true 50% duty cycle refers to full power, transmitting half the time,
> >receiving half the time.
>
> Maybe yes and maybe no. 50% duty cycle means 50% of full duty, full
> duty being
> 100W continuous.
With all respect, I would like to know the source of your definition. Duty cycle is always specified at full power unless otherwise noted. I searched for definitions, and the first one I found was:
"Duty cycle (or duty factor) is the measure of the fraction of the time a radar is transmitting." This from a Navy website.
None of the definitions referenced power level, and neither have any of the ham usages I have seen.
Back when ham radio was more technical, rigs specified duty cycle AND maximum key-down time. If I remember right, the Kenwood 940 specified a 100% duty cycle for a period of one hour. Obviously, the duty cycle specification is more useful when the maximum key-down time is given, but the duty cycle is always specified at full power.
Transceivers draw varying amounts of current at reduced power, and while reducing power will reduce the heat dissapated, the amount will vary from rig to rig.
Maybe you think the definition of "duty cycle" is open to interpretation, but it does have an accepted meaning, and that is with full power output, unless otherwise specified.
73,
Paul K4PDM

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# 11701. Re: [FT100] ATAS & FT100D problem resolved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 03:04:23 UTC
From: Lee Devlin
Topic: 11697  Message: 11701

--- robert blumenkranz <radiobob300@...> wrote:
> After hours of testing here is what I have
> discovered.
> The new FT100D radios put out the following voltage
> to
> the antenna:
> UP 10.4v RElease Up button 9.2v for about .5 sec.
>
> Down 7.2 REelase Down button 8.2v for about .5 sec.

I think you figured out the problem. The comparator circuit inside the ATAS is malfunctioning. I ran some tests on the bench just now and confirmed that the ATAS retracts when the DC voltage falls below 8.4 V and extends when the voltage exceeds 10 V (not 10.4 V which is incorrect in the FAQ so I'll fix it).

So, there is a range of voltages inside 8.4 and 10 volts that cause no antenna motion. I believe that the radio applies this 'safe' voltage for a .5 second period after you release the up/down buttons or after an autotune event. I have a digital volt meter and it was so confused by the RF that was present during tuning, that the display just flashed but I did see a DC votage that lingered for about .5 seconds after a I stopped tuning that was in the neighborhood of 9.4V after I let go of the 'up' button. (Any DC meter is can be confused with such a high RF field superimposed on the DC signal.) I'm betting that the .5 second DC voltage applied after the up/down event will fall in the 'safe' window and cause no motion on the antenna.

Therefore, I think your ATAS should be replaced.

This is a new problem which has never been reported before. It's possible that one of the resistors in the voltage divider circuit inside the ATAS controller is wrong or has a cold solder joint and so you have no 'safe' voltage zone which would normally cause the antenna to stop.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 11702. Re: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 03:32:19 UTC
From: kq6odntq@aol.com
Topic: 11570  Message: 11702

Hi,

Has anyone tried a different antenna (other then a atas 100) ?? O I used a outbacker on 10 and it worked fine.

73's ,
Paul

# 11703. Re: [FT100] The TWO BIG Chronic FT-100 Problems...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 04:50:10 UTC
From: w5xv@express56.com
Topic: 11696  Message: 11703

I TOO have a New FT-100D that Santa brought me, with a 1H serial number. Don't know if it has the swr mod but it does great. I have it mounted under the passenger seat with the face on the center console of my Ford Expidition, with the atas mounted on the back hatch with a swivel mount. It has no problems, and even tunes up on all warc bands. I have been getting good reports from others I contact. I have no ignition noise, so I am crossing my fingers and hope nothing goes wrong.

Rich...W5XV
----- Original Message -----
From: k5btk
To: FT100@yahoogroups.com
Sent: Sunday, January 20, 2002 3:31 PM
Subject: [FT100] The TWO BIG Chronic FT-100 Problems...

Santa brought me a new FT-100D this year! Like many of you guys
(based on how many of your calls I see on the other Yaesu groups) I
am a confirmed Yaesu fan. My wife knew about my Yaesu enthusuasm and
sprung this one on me without my prior knowledge.
A great deal of the bandwidth on most of the newsgroups is of
course devoted to equipment problems. I think that's as it should
be. We are all concerned about potential problems and possible fixes
that might head off disaster. But I suspect that these problems tend
to dominate the groups in a way that may lead us to believe that the
problems are more widespread than is actually the case. A report of
a failure has a tendency to create much longer threads than reports
of total satifaction. I really would like to know what PERCENTAGE
of FT-100 owners have experienced the BIG TWO problems. Could it be
that the MAJORITY of the rigs are offering satisfactory performance?
In spite of the often reported fading LCD display problems
reported on the 1000MP user group, my own MP has been well behaved.
(I did buy a couple of fluorescent backlight tubes and put them in my
parts box just to ward off demons). I bought it because of the
mountains of good reports which I saw coming back from DXpeditions,
etc.
My 817 has been all I had hoped it would be (after putting in the
CW filter). The 847 suffers only from the decrease in satellite
activity which followed the last hard-luck launch.
When Santa brought me the new 100D, I immediately corresponded
with Yaesu about the lack of periodic fan cooling in the VHF/UHF
modes. The technician told me that the "fix" could be installed -
but that it is not necessary. Many of the guys are convinced that
this response is all part of a conspiracy to hide a problem which
Yaesu wants to ignore. But I think it's just possible that Yaesu has
addressed the problem and acted to correct it. I sure hope so!
My rig (Serial 1G...) came with the SWR modification. Is it

possible that the BIG TWO problems are in reality the SAME problem? Could it be that the stray VHF/UHF oscillation that the unmodified rigs have broken into produced BOTH the high SWR indications AND were resposible for the fried VHF finals? If so, then perhaps eliminating the spurious oscillation eliminates the need for the cooling modification. I hope that both problems disappear with the grounding mod.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 11704. Re: [FT100] computer cw on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 07:26:29 UTC
From: bob frick
Topic: 11606  Message: 11704

Robert (Bob),
Go on a little further on this setup. I have the Ft-100 as you know, and I also have hamscope but I cant figure out how to do what you aree explaining.
Bob
----- Original Message -----
From: robert blumenkranz
To: FT100@yahoogroups.com
Sent: Wednesday, January 16, 2002 5:34 PM
Subject: Re: [FT100] computer cw on the ft-100

Use VOX mode if you have it with your HF transceiver
while in the SSB mode. This allow you to use a tone to
key the transmitter on CW with a free program like
hamscope. Full break in is possible with no hardware
connection to the rig.
73 ni6r
--- bob54751 <bobndeb@...> wrote:
> Folks,
> I am stuck out here in Azerbaijan and working as
> 4K0RF. I have
> my laptop and FT-100 with me and am trying to key
> the rig via my
> computer. Anybody have any schematics or ideas on
> how to connect
> the LPT port of the computer to the key jack?
> Thanks
>
>
>

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[Non-text portions of this message have been removed]

# 11705. RE: [FT100] FT-100D & ATAS-100 problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 13:35:04 UTC
From: n3jpu
Topic: 11570  Message: 11705

I use a Hi-Q Stealth 2000 on 3.2 to 50 Mhz without a SWR problem and this is on an non D version. But I do have an extra 10' of RG-8X with about 10 ferrite beads on the end that connects to the 100, that has helped a lot.

-----Original Message-----
From: kq6odntq@... [mailto:kq6odntq@...]
Sent: Sunday, January 20, 2002 22:32
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT-100D & ATAS-100 problem

Hi,

Has anyone tried a different antenna (other then a atas 100) ?? O I used a
outbacker on 10 and it worked fine.

73's ,
Paul

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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# 11706. Re: [FT100] Re: John your DEF of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 14:02:46 UTC
From: w2odc
Topic: 11626  Message: 11706

```
=========================================================
Paul, et al,

Just to be a wee bit redundant: For commercial transmitters, 50% duty cycle
meant half the time on, and half the time off, as averaged over 5 minutes.
The "averaging" time is the one that varied amongst various specifications.
The power was always maximum rated power.
For our radar sets, the "averaging time" was "continuous", no minimum or
maximum time specified, as suggested from the prior message. Typical radars,
of course, might have pulse repetition rates of 300-3000 pps, except for
long range and OHR.

73
Howard...w2odc
=========================================================
----- Original Message -----
From: "Paul Manuel" <k4pdm@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 20, 2002 8:13 PM
Subject: Re: [FT100] Re: John your DEF of 50% duty cycle

> --- lhlousek <lhlousek@...> wrote:
> > >Sorry to disagree, Sandor, but 50% duty cycle refers to TIME, not
> > power. A
> > >true 50% duty cycle refers to full power, transmitting half the time,
> > >receiving half the time.
> >
> > Maybe yes and maybe no. 50% duty cycle means 50% of full duty, full
> > duty being
> > 100W continuous.
> With all respect, I would like to know the source of your definition. Duty
> cycle is always specified at full power unless otherwise noted. I searched
> for definitions, and the first one I found was:
> "Duty cycle (or duty factor) is the measure of the fraction of the time a
> radar is transmitting." This from a Navy website.
> None of the definitions referenced power level, and neither have any of
> the ham usages I have seen.
> Back when ham radio was more technical, rigs specified duty cycle AND
> maximum key-down time. If I remember right, the Kenwood 940 specified a
> 100% duty cycle for a period of one hour. Obviously, the duty cycle
> specification is more useful when the maximum key-down time is given, but
> the duty cycle is always specified at full power.
> Transceivers draw varying amounts of current at reduced power, and while
> reducing power will reduce the heat dissapated, the amount will vary from
> rig to rig.
> Maybe you think the definition of "duty cycle" is open to interpretation,
```

> but it does have an accepted meaning, and that is with full power output,
> unless otherwise specified.
> 73,
> Paul K4PDM
>
> _____
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# 11707. Re: [FT100] ATAS & FT100D problem resolved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 15:31:03 UTC
From: Pres Waterman
Topic: 11697  Message: 11707

> contol button. Otherwise Yaesu will have to redesign
> the comparator inside the to work under
> these voltage ranges if that can be done considering
> that it should NOT be happeing!!
>

MAYBE. I was thinking of this. As the antenna extends or retracts to find the low SWR point, isn't it reasonable to presume it would go just past the dip ( thus establishing the dip point ) and then back up to find the lowest point?

I can say that visually observing the tuning it does NOT pass and back up, but I would think it should. Otherwise, "how low is low"?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11708. Re: [FT100] of 50% duty cycle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 15:21:52 UTC
From: lhlousek
Topic: 11708  Message: 11708

Don't want to beat a dead horse here but I was not disputing the fact that strict definitions of duty cycle exists. My point was the unless we know how the amateur radio division of Yaesu defines it, it doesn't give operators of the equipment much guidance and it allows Yaesu to use it as an excuse to not honor their warrantee.

A spec like "50% duty cycle averaged over 5 minutes" implies a maximum continuous transmit time of 2.5 minutes because that's the longest possible continuous transmit time you can fit into 5 minutes and still average 50%. To my knowledge Yaesu doesn't specify the averaging time so we don't know what the maximum continuous transmit time is. Further, as good a spec as "50% duty cycle averaged over 5 minutes" is still provides no guidance on what do at less than 100% power. Certainly 50% duty at 100% power is not the same as 100% duty at 50% power but many mfgrs will specify that the rig be run at a particular reduced power for high duty digital modes. This implies that permissible duty cycle goes up as power goes down.

So my point was that 50% duty as specified by Yaesu is not enough to tell us how to operate the radio.

Lou W7DZN

From: "w2odc" <w2odc@...>
To: <FT100@yahoogroups.com>
Sent: Monday, January 21, 2002 6:02 AM
Subject: Re: [FT100] Re: John your DEF of 50% duty cycle

> ==========
> Paul, et al,
>
> Just to be a wee bit redundant: For commercial transmitters, 50% duty cycle
> meant half the time on, and half the time off, as averaged over 5 minutes.
> The "averaging" time is the one that varied amongst various specifications.
> The power was always maximum rated power.
> For our radar sets, the "averaging time" was "continuous", no minimum or
> maximum time specified, as suggested from the prior message. Typical radars,
> of course, might have pulse repetition rates of 300-3000 pps, except for
> long range and OHR.
>
> 73
> Howard...w2odc
> ==========
> ----- Original Message -----
> From: "Paul Manuel" <k4pdm@...>
> To: <FT100@yahoogroups.com>
> Sent: Sunday, January 20, 2002 8:13 PM

> Subject: Re: [FT100] Re: John your DEF of 50% duty cycle
>
>
> > --- lhlousek <lhlousek@...> wrote:
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> > Paul K4PDM
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# 11709. auto noise - which one are low noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 17:43:55 UTC
From: myid_63301
Topic: 11709  Message: 11709

I am thinking about getting a different auto or pickup. Wonder what would be the best when it comes to low noise generation on my FT100D. Also wonder if anyone has RFI problems with the auto controller ?

Has anyone ever published a list of good, bad etc..

Thanks, Stan

# 11710. RE: [FT100] Mysterious HF Power Output While Operating 2 meters.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 19:43:05 UTC
From: Steve
Topic: 11642  Message: 11710

Scott,

Check the 100D's menu for ATAS operation. You may have it set for diplexer connection. I believe w/ 2 antennas (1 for HF and 1 for 440/144) the menu is "ATAS2" The other possible choices "None" "ATAS1" and "FC20" are NOT interchangeable. You must have the right one selected. Hope this helps - Steve K1SJC

-----Original Message-----
From: szastoupil [mailto:szastoupil@...]
Sent: Friday, January 18, 2002 2:20 PM
To: FT100@yahoogroups.com
Subject: [FT100] Mysterious HF Power Output While Operating 2 meters.

Hello. I just received my FT100D from HRO yesterday. I am very pleased so far and have made a few contacts on it. I wanted to try out the 2M FM and see if I could hit a local repeater. So I decreased the power output of the 2M so the menu said "5". I connected my rubber duck antenna to the proper 2M/440 pigtail since that is what I had at hand. The local repeater came back ok, but I noticed that my SWR/Power meter that is hooked to the HF/50M antenna deflected indicating power output. It shows power output on the HF antenna when I'm transmitting on the 2M/440 antenna. I don't think I have an RFI problem with that low of output power. So I thought I'd experiement and turned the HF, 50Mhz, and 440M power to zero. I still had power output on the HF antenna when transmitting on 2m FM. Any thoughts or experiences that anyone could share? Thanks for your time.

Scott
ARS KB0KFX

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<http://us.adserver.yahoo.com/l?M=213858.1791435.3314591.1261774/D=egroupmail/S=1705063108:HM/A=763352/rand=762190083>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

# 11711. RE: [FT100] AM Negative Modulation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-21 22:54:12 UTC
From: Richard W. Solomon
Topic: 11699  Message: 11711

In the "Olde Dayes" of AM, we attribuyed that phenom to "Over Modulation". Try turning down the Mike Gain.

73, Dick, W1KSZ

-----Original Message-----
From: jrmorris28 [mailto:jrmorris28@...]
Sent: Sunday, January 20, 2002 6:21 PM
To: FT100@yahoogroups.com
Subject: [FT100] AM Negative Modulation

Was talking on AM yesterday and a friend close to me said my carrier was "full quieting" but there was little audio when I modulated. Hum.. Well, sure enough, I brought the FT100 into the shack and hooked up the power meter.

Sure enough, when I keyed the transmitter, the carrier went up to 25 watts as required. Then when I modulated, the output went down to 5-10 watts. The ALC seems to be kicking up quite high which is probably the reason for the output dropping off. Did this on the ATAS100, base station vertical and dummy load.

Any ideas as to why this would be happening only in AM. SSB, FM and CW still put out full power? I thought maybe I inadvertently changed a function setting but I've been through all regular and "F".

If it was rf feedback, it would affect all modes. There is NO ALC setting for AM mode only, is there? I'm stumped !!!

Thanks guys,

John - WB0RLD

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11712. Re: [FT100] Replacement rig received but more trouble

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 00:08:25 UTC
From: n4xeo
Topic: 11633  Message: 11712

At 06:50 PM 1/19/2002 -0700, you wrote:
>Glen,
> I did this and am now getting good reports on my audio. I feel
> that it is a shame to have to speak into the mic different than I used to
> doing but if I must, I must. I just wonder if everyone else with
> FT-100'd has to do the same thing. Thank you for the help.
>
>John
>K7SVV@...

I have ALWAYS talked across the mic. The difference is that the newer mic's
might be more sensitive than the old ones.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 11713. FT100 and Yaesu service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 00:24:22 UTC
From: fjx1@aol.com
Topic: 11713  Message: 11713

I've been following the thread on the $505 estimate from Yaesu. I have mine at Yaesu now awaiting a quote. I lost output on the lowbands after abt 2 years of good service. The SWR indicator came on, rig got hot and wham no output. There was nothing wrong with the antenna system. A call to Yaesu guesses at a PA or lowpass filter with a ballpark estimate of $140-200. The rig has no mods. Why, I never knew about them until I read it here. Think Yaesu should be responsible to keep owners informed of critical updates (thermal, SWR, poor ground strap). They may reserve the right to improve radios without notice but when it leads to such expensive repairs, such a practice becomes questionable. When a rig fails due to poor design they should be responsible. As a group I wonder if there's something we can do. Can they afford to anger a large group of hams? In 39 years of ham radio I've made plenty of mistakes, but never smoked a final.

Gerry K1NY

[Non-text portions of this message have been removed]

# 11714. Re: AM Negative Modulation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 00:00:14 UTC
From: rock_sci
Topic: 11699  Message: 11714

Works like the FT-900 AM mode. Put the rig on a monitor scope with a dummy load and you will see that the ALC loop keeps the positive peaks from exceeding 25 watts.

--- In FT100@y..., "Richard W. Solomon" <w1ksz@t...> wrote:
> In the "Olde Dayes" of AM, we attribuyed that phenom to "Over
> Modulation". Try turning down the Mike Gain.
>
> 73, Dick, W1KSZ
>
> -----Original Message-----
> From: jrmorris28 [mailto:jrmorris28@y...]
> Sent: Sunday, January 20, 2002 6:21 PM
> To: FT100@y...
> Subject: [FT100] AM Negative Modulation
>
>
> Was talking on AM yesterday and a friend close to me said my carrier
> was "full quieting" but there was little audio when I modulated.
Hum..
> Well, sure enough, I brought the FT100 into the shack and hooked up
> the power meter.
>
> Sure enough, when I keyed the transmitter, the carrier went up to 25
> watts as required. Then when I modulated, the output went down to 5-
> 10 watts. The ALC seems to be kicking up quite high which is
probably
> the reason for the output dropping off. Did this on the ATAS100,
base
> station vertical and dummy load.
>
> Any ideas as to why this would be happening only in AM. SSB, FM and
> CW still put out full power? I thought maybe I inadvertently changed
> a function setting but I've been through all regular and "F".
>
> If it was rf feedback, it would affect all modes. There is NO ALC
> setting for AM mode only, is there? I'm stumped !!!
>
> Thanks guys,
>
> John - WB0RLD
>
>
>
>

> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
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# 11715. Re: [FT100] auto noise - which one are low noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 03:12:48 UTC
From: byrddawg
Topic: 11709  Message: 11715

Hey Stan....Just got through with a project like this. If you are an ARRL member, access their "Member" site. There is a great deal of information there in the RFI section and a guideline on how to check out a tentative new vehicle for RFI problems. Also the ARRL publishes an RFI book which has installation guidelines for the various cars manufactured. This book will also be of a big help in eliminating whatever RFI you end up with, as most cars will emit some level of RFI, some worse rthan others.....Good Luck & 73's, Paul KD5KCZ

myid_63301 wrote:

> I am thinking about getting a different auto or pickup. Wonder what
>
> would be the best when it comes to low noise generation on my
> FT100D. Also wonder if anyone has RFI problems with the auto
> controller ?
>
> Has anyone ever published a list of good, bad etc..
>
> Thanks, Stan
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 11716. Re: [FT100] Re: AM Negative Modulation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 03:57:30 UTC
From: John Spiceman
Topic: 11699  Message: 11716

Thanks to the respondants.

I put the scope on the rf signal. When modulated, the carrier does reduce some but the audio peaks go up as far and somewhat further than the carrier resting level. No sign of flattening out on the audio peaks.

Guess its working alright.

Why was the Yaesu tech so befuddled by the rf output meter activity if this is normal? Hmmmm...

John - WB0RLD

--- rock_sci <rock_sci@...> wrote:
> Works like the FT-900 AM mode. Put the rig on a
> monitor scope with a
> dummy load and you will see that the ALC loop keeps
> the positive peaks
> from exceeding 25 watts.
>
> --- In FT100@y..., "Richard W. Solomon" <w1ksz@t...>
> wrote:
> > In the "Olde Dayes" of AM, we attribuyed that
> phenom to "Over
> > Modulation". Try turning down the Mike Gain.
> >
> > 73, Dick, W1KSZ
> >
> > -----Original Message-----
> > From: jrmorris28 [mailto:jrmorris28@y...]
> > Sent: Sunday, January 20, 2002 6:21 PM
> > To: FT100@y...
> > Subject: [FT100] AM Negative Modulation
> >
> >
> > Was talking on AM yesterday and a friend close to
> me said my carrier
> > was "full quieting" but there was little audio
> when I modulated.
> Hum..
> > Well, sure enough, I brought the FT100 into the
> shack and hooked up
> > the power meter.
> >
> > Sure enough, when I keyed the transmitter, the

> carrier went up to 25
> > watts as required. Then when I modulated, the
> output went down to 5-
> > 10 watts. The ALC seems to be kicking up quite
> high which is
> probably
> > the reason for the output dropping off. Did this
> on the ATAS100,
> base
> > station vertical and dummy load.
> >
> > Any ideas as to why this would be happening only
> in AM. SSB, FM and
> > CW still put out full power? I thought maybe I
> inadvertently changed
> > a function setting but I've been through all
> regular and "F".
> >
> > If it was rf feedback, it would affect all modes.
> There is NO ALC
> > setting for AM mode only, is there? I'm stumped
> !!!
> >
> > Thanks guys,
> >
> > John - WB0RLD
> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> possible.
> >
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>
>

---
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# 11717. turn around time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 05:18:10 UTC
From: TM
Topic: 11717  Message: 11717

Hello all DE N8NET.
Currently a friend of mine has his radio in the shop since (recieved by Yaseu) Dec 20th. I bought my two units two weeks after he did while I was evaulting my decision to the make and model I was looking for. His last contact was monday Jan 21st and they still have not assigned his radio to a tech.
Yaseu finally admitted on his last contact (Talked with a Manager) that his radio could be another month. Right after Christmas they had a flood of warranty work come in, like in the neihborhood of 3,000+ radios. I am going to send one of my two radios in when he gets his back. Right now he is borrowing my second radio and I had planned to rotate my spare til I got all the warranty problems resolved. Yes brand new and out of the box by atleast two weeks and I was getting both High SWR and and Heating issues. I like the radio alot, but guess I will have to wait for my babies turned to get fixed.
Just thought you all might like to know the reason for delays at repair center was.

Tim N8NET

[Non-text portions of this message have been removed]

# 11718. Re: FT100D TREAT IT ROUGH !

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 13:57:56 UTC
From: kg4fet
Topic: 11677  Message: 11718

--- In FT100@y..., Glen Farough <gfarough@y...> wrote:
> Make these changes from the defaults if you
> have not done yet...Note the default settings of
> these menu options and then adjust them as
> follows...
> Almost gave up on my tx audio with the stock mic,
> but this worked out well...
> MENU:
> 25, 40
> 26, 45
> 27, 40
> 33, 5
> 62, +050
> 63, +050
> 64, -200
> 65, -200
>
> These settings were done by a friend of mine on a
> service monitor after
> MANY hours of playing to get the best sound that he
> could get out of the
> radio. His voice has a higher tone than mine and the
> same settings work for
> both of us and many others in my area. Please look
> at
> your settings and
> give these a try and see if it makes a difference.
> (From N4XEO email)
> 73 de Glen VE7LGF
> Good Luck
>

Glen,
Well here is the whole problem on your Audio settings and that is the setting on FUNCTION MENU 27. DO NOT use the PRO. It causes the FT 100(D) to sound like there is a clothes pin over the operators nose and generally sounds like CRAP on the FT 100. The end result is that it splatters in a big way. For the extra little wattage you might get out of the FT 100 using the PRO NO ONE on the other end of the radio signal will be able to tell the difference between 100 watts and 102 watts, but they will be able to hear everything that is in the background including the road noise if you are mobile. If you want that extra punch adjust the MIC EQ and leave the PRO alone. I have come to this conclusion by NOT using bench equipment but the Real World as my testing grounds. You will never get any rig to

sound great to everybody you talk too but you can get a general idea to what sounds the best to the most people, you cannot do that on a test bench.

Mic setting will also vary from age group to age group you speak to as well. I call several nets and in the case of the 2 HF nets I call the age groups vary a tremendous amount. On the 75 mtr net the average age is around 60+ this great bunch of guys (The Early Bird Transcontinental Net) prefer one EQ setting on the Heil Pro Set 5 I use to call that net MIC EQ at #1 due to the loss of the hearing at the higher freqs and the Gain set at 75%, but they like the stock mic the best with the EQ off and the MIC GAIN set st 50%. For the 10 mtr net I call the guys like the EQ set at 3 and the mic gain at 50% on the Heil and again the stock mic is the prefered mic but with the gain at 75% and the EQ off. This group averages closer to around my age (37)and they HATE the PRO in both groups almost to the letter no matter the setting. Again this was using REAL WORLD conditions not using test equipment. Overall the Audio reports have been very good on my 100 with the stock mic and factory stock settings on my 9I serial # FT 100. Did I just get lucky or do I have a bunch of tone deaf locals and net listeners? I don't think it is either of those but ya never know do you. This has been another Soap Box speech brought to you by Sandor KG4FET's FT 100(D) Soap Box Tirades INC.
<HUGE GRIN>
Thanks for the read, and for the Bandwidth LEE,
73 to all
DE KG4FET Sandor

# 11719. Re: [FT100] FT100 and Yaesu service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 15:15:19 UTC
From: damsignshop
Topic: 11713  Message: 11719

Anyone with a yeasu ft100 or ft100d that has gone bad and wants to sell it let me know.

Bob Adams
n8wvl

[Non-text portions of this message have been removed]

# 11720. AD-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 16:27:28 UTC
From: pa9jj@amsat.org
Topic: 11713  Message: 11720

Hello,

I just hooked my new Heil Pro Headset up my FT100 using the AD-
100 cable.
But now I cannot switch the FT100 on.
When I remove the cable all is OK , even with no mike connected,
but as soon as the AD-100 is plugged into the mike input plug, the
FT-100 cannot be switched on.
On the package from the AD-100 cable is a sticker telling me that I
have to use an AD-1-Y or CC-1-Y cable.
I thought this was only ment for people who did not want to cut off
the mike plug and solder a normal mike plug instead to fit the
transceiver input mike plug ( I am also using a JST 145)
themselves.

So here is my question:

What does the AD-1-Y od CC-1-Y cable do?

Has it something to do with turning the power from the FT-100.
And if so can this be done inside the adapter plug?

A little help would be appriciated as I like to use the headset during
the PACC-contest the second weekend in February.

Best 73's
Jan PA9JJ
pa9jj@...
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 11721. FT100 W/ATAS For Sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 17:38:44 UTC
From: wolobmp
Topic: 11721  Message: 11721

Hello, Have just put this setup for sale. Both items are 100% mint condition and work just as good. Radio is about 1 yr old and antenna used very seldom and is stored in box it came with. No mod's of any sort. Comes with both boxes for the antenna and radio and the standard items that comes with the radio, box, manual,power cord, mic,etc. Looking for $850 for both items will not seperate, money order or bank check only and sorry no COD's. email me at wolobmp@... if you have any questions. thanks mike wd8bmp

# 11722. Re: ATAS & FT100D problem resolved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 18:19:35 UTC
From: emoxon@alum.mit.edu
Topic: 11697  Message: 11722

And when the comparators sense the final 'safe' voltage window, they
actively force the bridge driver chip to short the motor, for dynamic
braking. The idea is to eliminate uncontrolled coasting past the 'tuned'
point.
From all appearances, the autotune algorithm is made up of just a few simple
rules. Basically it runs the motor 'til it finds the first occurrence of an
'acceptable' swr (not best swr) and puts on the brakes.
It woks pretty good.

Ed, K1GGI

> -----Original Message-----
>
<snip>

>So, there is a range of voltages inside 8.4 and 10
>volts that cause no antenna motion. I believe that
>the radio applies this 'safe' voltage for a .5 second
>period after you release the up/down buttons or after
>an autotune event.

>Lee Devlin, K0LEE

# 11723. Re: [FT100] Re: FT100D TREAT IT ROUGH !

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 17:56:35 UTC
From: John Spiceman
Topic: 11677  Message: 11723

Sandor,
Very nice description of your audio reports.

The audio gain sounds extremely high to me. I thought
I read on here to keep it around 17 on AM and probably
about 30 or so on SSB. I get good reports with the
stock mic with these settings.

BTW, were your findings based on AM or SSB?

John - WB0RLD
--- kg4fet <kg4fet@...> wrote:
> --- In FT100@y..., Glen Farough <gfarough@y...>
> wrote:
> > Make these changes from the defaults if you
> > have not done yet...Note the default settings of
>
> > these menu options and then adjust them as
> > follows...
> > Almost gave up on my tx audio with the stock
> mic,
> > but this worked out well...
> > MENU:
> > 25, 40
> > 26, 45
> > 27, 40
> > 33, 5
> > 62, +050
> > 63, +050
> > 64, -200
> > 65, -200
> >
> > These settings were done by a friend of mine on
> a
> > service monitor after
> > MANY hours of playing to get the best sound that
> he
> > could get out of the
> > radio. His voice has a higher tone than mine and
> the
> > same settings work for
> > both of us and many others in my area. Please
> look
> > at
> > your settings and
> > give these a try and see if it makes a

> difference.
> > (From N4XEO email)
> > 73 de Glen VE7LGF
> > Good Luck
> >
>
> Glen,
> Well here is the whole problem on your Audio
> settings and that is the
> setting on FUNCTION MENU 27. DO NOT use the PRO.
> It causes the FT
> 100(D) to sound like there is a clothes pin over the
> operators nose
> and generally sounds like CRAP on the FT 100. The
> end result is that
> it splatters in a big way. For the extra little
> wattage you might
> get out of the FT 100 using the PRO NO ONE on the
> other end of the
> radio signal will be able to tell the difference
> between 100 watts
> and 102 watts, but they will be able to hear
> everything that is in
> the background including the road noise if you are
> mobile. If you
> want that extra punch adjust the MIC EQ and leave
> the PRO alone. I
> have come to this conclusion by NOT using bench
> equipment but the
> Real World as my testing grounds. You will never
> get any rig to
> sound great to everybody you talk too but you can
> get a general idea
> to what sounds the best to the most people, you
> cannot do that on a
> test bench.
>
> Mic setting will also vary from age group to age
> group you speak to
> as well. I call several nets and in the case of the
> 2 HF nets I call
> the age groups vary a tremendous amount. On the 75
> mtr net the
> average age is around 60+ this great bunch of guys
> (The Early Bird
> Transcontinental Net) prefer one EQ setting on the
> Heil Pro Set 5 I
> use to call that net MIC EQ at #1 due to the loss of
> the hearing at
> the higher freqs and the Gain set at 75%, but they

> like the stock mic
> the best with the EQ off and the MIC GAIN set st
> 50%. For the 10 mtr
> net I call the guys like the EQ set at 3 and the mic
> gain at 50% on
> the Heil and again the stock mic is the prefered mic
> but with the
> gain at 75% and the EQ off. This group averages
> closer to around my
> age (37)and they HATE the PRO in both groups almost
> to the letter no
> matter the setting. Again this was using REAL WORLD
> conditions not
> using test equipment. Overall the Audio reports
> have been very good
> on my 100 with the stock mic and factory stock
> settings on my 9I
> serial # FT 100. Did I just get lucky or do I have a
> bunch of tone
> deaf locals and net listeners? I don't think it is
> either of those
> but ya never know do you. This has been another
> Soap Box speech
> brought to you by Sandor KG4FET's FT 100(D) Soap Box
> Tirades INC.
> <HUGE GRIN>
> Thanks for the read, and for the Bandwidth LEE,
> 73 to all
> DE KG4FET Sandor
>
>

---------------------------------------------------
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# 11724. Just ordered an FT100D&ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 20:15:33 UTC
From: lhlousek
Topic: 11724  Message: 11724

I've been signed up on this list for just a little over week now and thought I'd mention that I just ordered an FT100D and ATAS100. Serial number is 1I. I'll check it for SWR and thermal mods and report back. Thanks to everyone who provided me input on the decision.

Lou W7DZN

# 11725. Good AM operation with the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 21:15:27 UTC
From: backhoefade
Topic: 11699  Message: 11725

Look at posting 10277 for the basic AM settings.
Posting 8674 gives a hint on how to get a bit more peak power in AM.
Let me know how it works out.
73's Charles N6AF

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Thanks to the respondants.
>
> I put the scope on the rf signal. When modulated, the
> carrier does reduce some but the audio peaks go up as
> far and somewhat further than the carrier resting
> level. No sign of flattening out on the audio peaks.
>
> Guess its working alright.
>
> Why was the Yaesu tech so befuddled by the rf output
> meter activity if this is normal? Hmmmm...
>
> John - WB0RLD
>
>
> --- rock_sci <rock_sci@y...> wrote:
> > Works like the FT-900 AM mode. Put the rig on a
> > monitor scope with a
> > dummy load and you will see that the ALC loop keeps
> > the positive peaks
> > from exceeding 25 watts.
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> > wrote:
> > > In the "Olde Dayes" of AM, we attribuyed that
> > phenom to "Over
> > > Modulation". Try turning down the Mike Gain.
> > >
> > > 73, Dick, W1KSZ
> > >
> > > -----Original Message-----
> > > From: jrmorris28 [mailto:jrmorris28@y...]
> > > Sent: Sunday, January 20, 2002 6:21 PM
> > > To: FT100@y...
> > > Subject: [FT100] AM Negative Modulation
> > >
> > >
> > > Was talking on AM yesterday and a friend close to
> > me said my carrier

> > > was "full quieting" but there was little audio
> > when I modulated.
> > Hum..
> > > Well, sure enough, I brought the FT100 into the
> > shack and hooked up
> > > the power meter.
> > >
> > > Sure enough, when I keyed the transmitter, the
> > carrier went up to 25
> > > watts as required. Then when I modulated, the
> > output went down to 5-
> > > 10 watts. The ALC seems to be kicking up quite
> > high which is
> > probably
> > > the reason for the output dropping off. Did this
> > on the ATAS100,
> > base
> > > station vertical and dummy load.
> > >
> > > Any ideas as to why this would be happening only
> > in AM. SSB, FM and
> > > CW still put out full power? I thought maybe I
> > inadvertently changed
> > > a function setting but I've been through all
> > regular and "F".
> > >
> > > If it was rf feedback, it would affect all modes.
> > There is NO ALC
> > > setting for AM mode only, is there? I'm stumped
> > !!!
> > >
> > > Thanks guys,
> > >
> > > John - WB0RLD
> > >
> > >
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as
> > possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/

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# 11726. Re: The TWO BIG Chronic FT-100 Problems...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 21:39:41 UTC
From: backhoefade
Topic: 11696  Message: 11726

The spurious oscillation problem when operating on 24 MHz and 28 MHz is unrelated to the VHF/UHF cooling fan issue. Don't try to convince yourself that just because the spurious osc modification is in there that the lack of VHF/UHF receive fan activity isn't a long term problem. You will find that when you receive for long periods on 145 MHz for example that the rig will get too hot. The problem is real, especially in a warm ambient.

I recommend that you have the fan mod done by Cerritos. As an alternate you could implement the resistor mod that a lot of people have done successfully on this website. It just makes the fan turn all the time at slow speed, except when you transmit, when it will override the resistor and crank up the fan speed more.

The spurious osc fix is only correct if it's done with solid metal strips and screws that dig directly into the metal rib that runs across the center of the chassis. The sticky-back tape approach that they have used in the past will become ineffective over time as the adhesive loses its contact.

I had both mods done by Cerritos and my FT-100D has performed perfectly ever since. Overall the rig is only about 13 months old. The mods were done about 9 months ago. Only complaint here is the fan noise and I can't see any way around it. Tried changing to some fans with a much lower noise rating but it turned out the bulk of the "fan noise" is due to the air movement through the chassis, rather than blade cavitation noise, bearing noise or other intrinsic mechanical sources. One suggestion is to use the separation kit and place the rig off the operating desk. But it's really not that bad. For weak DX sigs I throw on the phones anyway!
N6AF Chas

--- In FT100@y..., "k5btk" <k5btk@a...> wrote:
> Santa brought me a new FT-100D this year! Like many of you guys
> (based on how many of your calls I see on the other Yaesu groups) I
> am a confirmed Yaesu fan. My wife knew about my Yaesu enthusuasm
and
> sprung this one on me without my prior knowledge.
> A great deal of the bandwidth on most of the newsgroups is of
> course devoted to equipment problems. I think that's as it should
> be. We are all concerned about potential problems and possible
fixes
> that might head off disaster. But I suspect that these problems
tend
> to dominate the groups in a way that may lead us to believe that
the

> problems are more widespread than is actually the case. A report
of
> a failure has a tendency to create much longer threads than reports
> of total satifaction. I really would like to know what PERCENTAGE
> of FT-100 owners have experienced the BIG TWO problems. Could it be
> that the MAJORITY of the rigs are offering satisfactory performance?
> In spite of the often reported fading LCD display problems
> reported on the 1000MP user group, my own MP has been well
behaved.
> (I did buy a couple of fluorescent backlight tubes and put them in
my
> parts box just to ward off demons). I bought it because of the
> mountains of good reports which I saw coming back from DXpeditions,
> etc.
> My 817 has been all I had hoped it would be (after putting in
the
> CW filter). The 847 suffers only from the decrease in satellite
> activity which followed the last hard-luck launch.
> When Santa brought me the new 100D, I immediately corresponded
> with Yaesu about the lack of periodic fan cooling in the VHF/UHF
> modes. The technician told me that the "fix" could be installed -
> but that it is not necessary. Many of the guys are convinced that
> this response is all part of a conspiracy to hide a problem which
> Yaesu wants to ignore. But I think it's just possible that Yaesu
has
> addressed the problem and acted to correct it. I sure hope so!
> My rig (Serial 1G...) came with the SWR modification. Is it
> possible that the BIG TWO problems are in reality the SAME
problem?
> Could it be that the stray VHF/UHF oscillation that the unmodified
> rigs have broken into produced BOTH the high SWR indications AND
> were resposible for the fried VHF finals? If so, then perhaps
> eliminating the spurious oscillation eliminates the need for the
> cooling modification. I hope that both problems disappear with the
> grounding mod.

# 11727. University of FT-100D Graduate studies program

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 22:53:07 UTC
From: backhoefade
Topic: 11727  Message: 11727

Now that most of us have dragged ourselves through the undergraduate learning experience of the FT-100D I wonder what lies beyond.
I wonder what else Yaesu could do beyond an FT-100D with quiet fans, alphanumeric labeled externally programmable memory, IF DSP and perhaps DSP tailorable audio, programmable controls for custom access to your favorite features such as noise blanker, etc. How about something like a miniature FT-1000MP?

# 11728. Re: [FT100] Re: FT100D TREAT IT ROUGH !

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 20:36:58 UTC
From: n4aiw@aol.com
Topic: 11677  Message: 11728

hi sandor might be the stock Mike is about the same as a handy scrachy,2000 ohms
and your other mikes are either 600 are 50k ohms example my yahoo vertex vx 150
is 2000 ohms helps to match the circuit. get used to the name vertex
73 cul Fred n4aiw

# 11729. ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-22 22:24:59 UTC
From: lhlousek
Topic: 11729  Message: 11729

I plan on fabricating some kind of mount for the ATAS I just ordered but what do you guys use for the base. I see that the ATAS screws onto a SO-239 type base. Is an ordinary bulkhead mount SO-239 strong enough?

Lou W7DZN

# 11730. ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 00:47:27 UTC
From: John McClain
Topic: 11730  Message: 11730

I once read an ad about a remote control box that would allow the manual operation of the ATAS 100 antenna so that it could be used on other radios such as the IC-706 but I can't find the ad. Could someone aim me in the right direction?

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11731. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 03:53:08 UTC
From: Dale G. Brown
Topic: 11729  Message: 11731

Lou: I have used a 2 inch long bulkhead connector for two years on one ATAS100 and a similar set-up on another ATAS100....no problems, even at 90 MPH..Dale KC2PZ

lhlousek wrote:

> I plan on fabricating some kind of mount for the ATAS I just ordered but what do
> you guys use for the base. I see that the ATAS screws onto a SO-239 type base.
> Is an ordinary bulkhead mount SO-239 strong enough?
>
> Lou W7DZN
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 11732. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 04:05:55 UTC
From: John McClain
Topic: 11729  Message: 11732

I am using a standard chassis mount SO-239 and I do not recommend it. Comet makes a nice one that I am planning on acquiring.

John
K7SVV@...
----- Original Message -----
From: lhlousek
To: FT100@yahoogroups.com
Sent: Tuesday, January 22, 2002 3:24 PM
Subject: [FT100] ATAS mount???

I plan on fabricating some kind of mount for the ATAS I just ordered but what do you guys use for the base. I see that the ATAS screws onto a SO-239 type base. Is an ordinary bulkhead mount SO-239 strong enough?

Lou W7DZN

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[Non-text portions of this message have been removed]

# 11733. A new SWR problem?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 03:59:14 UTC
From: John McClain
Topic: 11733  Message: 11733

Folks, I need help! My first FT-100 had a bad case of SWR on the upper HF bands and now I am having problems with its replacement. I have already mentioned that I am getting bad reports on my audio on FM and we have discussed it but it is still unresolved. I noticed that this particular rig was also displaying the SWR icon most of the time during a TUN operation but I didn't investigate it until this evening. I haven't seen this scenario mentioned here before so it may be a new symptom but, then again, it may be normal operation for all I know. What I see is a SWR icon everytime I press the TUN button if I have changed frequencies enough to cause a hi SWR at the beginning of the TUN. If I have only moved a few khz, everything is great, no SWR icon but if I have moved maybe 50khz to 100khz or changed bands, the rig will see a hi SWR at the beginning of the tuning operation and the

High SWR Warning (1)

SWR icon will be displayed. When the SWR drops to an acceptable level, the icon will disappear except for the letters 'SWR' and they will remain their until a second or two after the tuning operation is complete. The actual tuning is performed OK with a low reflected power indicated on the meter. This happens on all bands, in my truck with the ATAS-100 antenna and in the house on the FC-20 tuner with a beam and with a vertical. So, what am I seeing? Is this normal? What do the rest of you see on the screen when performing a TUN operation after changing frequencies 50khz to 100khz or even changing bands?

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11734. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 04:11:12 UTC
From: John Spiceman
Topic: 11729  Message: 11734

Lou,

I use the MFJ large mag mount. Seems to work so far.
Get great reports.

JOhn - WB0RLD

--- "Dale G. Brown" <dgbrown@...> wrote:
> Lou: I have used a 2 inch long bulkhead connector
> for two years on one ATAS100 and
> a similar set-up on another ATAS100....no problems,
> even at 90 MPH..Dale KC2PZ
>
> lhlousek wrote:
>
> > I plan on fabricating some kind of mount for the
> ATAS I just ordered but what do
> > you guys use for the base. I see that the ATAS
> screws onto a SO-239 type base.
> > Is an ordinary bulkhead mount SO-239 strong
> enough?
> >
> > Lou W7DZN
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe:
> FT100-subscribe@yahoogroups.com
> > Unsubscribe:
> FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> possible.
> >
> > Your use of Yahoo! Groups is subject to
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# 11735. Re: ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 06:50:52 UTC
From: joates_48323
Topic: 11729  Message: 11735

Hi John,
Do you use a grounding strap with the mag mount?

Joe -KB8BO
--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Lou,
>
> I use the MFJ large mag mount. Seems to work so far.
> Get great reports.
>
> JOhn - WB0RLD
>
> --- "Dale G. Brown" <dgbrown@w...> wrote:
> > Lou: I have used a 2 inch long bulkhead connector
> > for two years on one ATAS100 and
> > a similar set-up on another ATAS100....no problems,
> > even at 90 MPH..Dale KC2PZ
> >
> > lhlousek wrote:
> >
> > > I plan on fabricating some kind of mount for the
> > ATAS I just ordered but what do
> > > you guys use for the base. I see that the ATAS
> > screws onto a SO-239 type base.
> > > Is an ordinary bulkhead mount SO-239 strong
> > enough?
> > >
> > > Lou W7DZN
> > >
> > >
> > > Post message: FT100@y...
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> > > List owner: FT100-owner@y...
> > > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
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# 11736. Site for FT-100D HF PA devices

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 06:56:14 UTC
From: backhoefade
Topic: 11736  Message: 11736

Someone previously listed the website for the source of the MRF-255 equivalent devices. Does anybody have that info?
Thanks!
N6AF Chas

# 11737. F Menu Explanations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 06:36:32 UTC
From: jrmorris28
Topic: 11737  Message: 11737

In the Yaesu manual, there are short descriptions for each standard function 01-66. Obviously, since the F Menu is not supposed to be accessed, there are none.
Could the folks "in the know" put some meaning into what some of these F Menu functions address? In particular, what are you setting in the following:

F11-F12: HF/V/UHF IC ALC

F13-F14-F15: HF PO 10W, 50W and 100W

F25-F36: TX IF G for each band. What does this actually do?

F37: ALC Meter How do you calibrate this? Is it necessary?

F38-F41: HF/50/144/430 PO Meter What do the settings represent?

F42-F46: HF/50/70/144/430 REV ALC

Don't want to be wasting bandwidth but "Inquiring minds want to know" :-)

Maybe all this is addressed in the service manual...

Thanks

John WB0RLD

# 11738. Re: A new SWR problem?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 09:42:55 UTC
From: n9cv
Topic: 11733  Message: 11738

Please see post 10541 under the large paragraph labeled "FEEDING"
I do not know if this is your problem, but for less than $.50 and 10 minutes time it is worth a try. It sure fixed my problem with the ATAS-100 and an unexplained SWR Icon.

I assume you have the Yeasu SWR mod installed by the Yeasu service department. If not, then there are literally 100 postings here and some pictures if you want to mod it yourself, You can also send it in to Yeasu for the mod.

Ken - N9CV

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> Folks, I need help! My first FT-100 had a bad case of SWR on the upper HF bands and now I am having problems with its replacement. I have already mentioned that I am getting bad reports on my audio on FM and we have discussed it but it is still unresolved. I noticed that this particular rig was also displaying the SWR icon most of the time during a TUN operation but I didn't investigate it until this evening. I haven't seen this scenario mentioned here before so it may be a new symptom but, then again, it may be normal operation for all I know. What I see is a SWR icon everytime I press the TUN button if I have changed frequencies enough to cause a hi SWR at the beginning of the TUN. If I have only moved a few khz, everything is great, no SWR icon but if I have moved maybe 50khz to 100khz or changed bands, the rig will see a hi SWR at the beginning of the tuning operation and the
>
>
> High SWR Warning (1)
>
>
>
> SWR icon will be displayed. When the SWR drops to an acceptable level, the icon will disappear except for the letters 'SWR' and they will remain their until a second or two after the tuning operation is complete. The actual tuning is performed OK with a low reflected power indicated on the meter. This happens on all bands, in my truck with the ATAS-100 antenna and in the house on the FC-20 tuner with a beam and with a vertical. So, what am I seeing? Is this normal? What do the rest of you see on the screen when performing a TUN operation after changing frequencies 50khz to 100khz or even changing bands?
>
> John
> K7SVV@A...

>
>
> [Non-text portions of this message have been removed]

# 11739. Re: ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 09:57:24 UTC
From: n9cv
Topic: 11729  Message: 11739

I use the standard mount that you would use for a HAMSTICK. It has an insulated bolt on one side (I forget the thread size) and an SO-239 on the other. I inverted it and put the SO-239 up to screw on the ATAS-100, and I attached the coax on the bottom with spade lugs. I covered the spade lug connection with a distributor cap spark plug wire rubber boot. This unit is then mounted through a 1/8 piece of aluminum. It has lasted for 20,000 miles so far and it is weather tight to preven corrosion to the connections. The road salt has not bothered it yet. I also made a carwash cap out of the collar part of a PL-259 with a plastic plug in one end from Sears Hardware.

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I plan on fabricating some kind of mount for the ATAS I just ordered but what do
> you guys use for the base. I see that the ATAS screws onto a SO-239 type base.
> Is an ordinary bulkhead mount SO-239 strong enough?
>
> Lou W7DZN

# 11740. Re: FT100 W/ATAS For Sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 10:06:30 UTC
From: n9cv
Topic: 11721  Message: 11740

Send it in to Yeasu for the mods before the warrantee runs out. It will be worth more. The second owner will have a harder time getting Yeasu to do it for free.

Ken - N9Cv

--- In FT100@y..., "wolobmp" <wolobmp@h...> wrote:
> Hello, Have just put this setup for sale. Both items are 100% mint
> condition and work just as good. Radio is about 1 yr old and antenna
> used very seldom and is stored in box it came with. No mod's of any
> sort. Comes with both boxes for the antenna and radio and the
> standard items that comes with the radio, box, manual,power cord,
> mic,etc. Looking for $850 for both items will not seperate, money
> order or bank check only and sorry no COD's. email me at
> wolobmp@h... if you have any questions. thanks mike wd8bmp

# 11741. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 14:49:21 UTC
From: w3wjr@aol.com
Topic: 11729  Message: 11741

I used the MFJ mount
http://www.mfjenterprises.com/products.php?prodid=MFJ-345
works fine for me. I have 2 on my truck, and one on my car.

[Non-text portions of this message have been removed]

# 11742. Re: F Menu Explanations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 17:31:40 UTC
From: backhoefade
Topic: 11737  Message: 11742

About the only one you will need to adjust during normal operation is
F51. Enter "F51" in the search box on this website and find the note
I wrote about AM operation.
N6AF Chas

--- In FT100@y..., "jrmorris28" <jrmorris28@y...> wrote:
> In the Yaesu manual, there are short descriptions for each standard
> function 01-66. Obviously, since the F Menu is not supposed to be
> accessed, there are none.
> Could the folks "in the know" put some meaning into what some of
> these F Menu functions address? In particular, what are you setting
> in the following:
>
> F11-F12: HF/V/UHF IC ALC
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> F13-F14-F15: HF PO 10W, 50W and 100W
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> F25-F36: TX IF G for each band. What does this actually do?
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> F37: ALC Meter How do you calibrate this? Is it necessary?
>
> F38-F41: HF/50/144/430 PO Meter What do the settings represent?
>
> F42-F46: HF/50/70/144/430 REV ALC
>
> Don't want to be wasting bandwidth but "Inquiring minds
> want to know" :-)
>
> Maybe all this is addressed in the service manual...
>
> Thanks
>
> John WB0RLD

# 11743. RE: [FT100] F Menu Explanations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 13:44:19 UTC
From: agzol@tm.net.my
Topic: 11737  Message: 11743

Hi John, This is my understanding of the F Menu. The FT 100 is CPU driven transceiver ( 3 in totals). The whole system relies on the proper functions of these CPUs. If you have access to the service manual, there are not much pot and trimmers which we can tweaks. There are various DACs and ADCs in the whole system. These are the devices which connect the real world to the transceiver. We give the inputs, and these devices tell the CPUs what to do. An example, look at Menu 23 on your FT 100. It's the VHF Power output, and it is only numbers ( 1 to 100). The VHF output is about 50W ( as the book says) and that 100 units is suppose to give you 50Watts. So what is next?? Due to variations is the components, these values are not the same from one rig to another, so some sort of calibrations has to be done in the factory to set the standards. Look at you F Menu ( hidden menu ) items F21 and F22. These are the values when they calibrated the rigs before they were shipped from the factories. In my case, my F22 is 105 and Yaesu Global value is at 110. My F23 is at135, and Yaesu Global values is at 152. These are the values when the rig is calibrated for 20W and 50W output. Your values could be different mine, due to the components variations. The rest of the menus are of similar in nature, and I hope you copy your F Menu values and keep them safe. In case something went wrong, all you have to do is put back the values in the proper menu. If you think of changing these values, pls. think twice, unless you have access to the service manual and with the proper equipments for calibrations. The Function menus were accessible to us to do the changes within the limits of these hidden F menus. I hope this will give you a better understanding of the hidden menus, and I stand to be corrected if these explainations are wrong. Thank You 73s de Zool 9W2AC / Malaysia > ** Original Subject: RE: [FT100] F Menu Explanations > ** Original Sender: jrmorris28 > ** Original Date: Wed, 23 Jan 2002 18:57:37 +0800 (SGT) > ** Original Message follows... > > > > > > In the Yaesu manual, there are short descriptions for each standard
> function 01-66. Obviously, since the F Menu is not supposed to be
> accessed, there are none.
> Could the folks "in the know" put some meaning into what some of
> these F Menu functions address? In particular, what are you setting
> in the following:
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> F11-F12: HF/V/UHF IC ALC
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> F38-F41: HF/50/144/430 PO Meter What do the settings represent?
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>
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>
> Maybe all this is addressed in the service manual...
>
> Thanks
>
> John WB0RLD
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# 11744. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 14:12:31 UTC
From: Jeff kb2m
Topic: 11729  Message: 11744

I plan on fabricating some kind of mount for the ATAS I just ordered but what do you guys use for the base.

I use a RS 940-0913 , mounted to my roof rack and grounded, drilled out to accept a PL 258 jack to jack adapter, the adapter is passed through the drilled out mount , and tighened to the antenna with a nut, tightened gently with a wrench. A standard adapter is long enough , to allow plenty of thread for the coax 259 to connect to. When I leave the vehicle at the airport , or remove the antenna for any reason I place a plastic dust/water cap on the antenna side of the mount, to keep everything in place. This work's well centered on the roof. The antenna isn't very long, so I haven't experienced any clearance problems, with this mounted on the roof of my Exploder...

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 11745. Re: [FT100] Re: A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 14:26:15 UTC
From: lhlousek
Topic: 11745  Message: 11745

Ken,

Good bit of detective work on your SWR problem and the spring in the SO-239 connector is a great idea. I imagine intermittent contact while transmitting could easily lead to blown finals.

Part of the problem may be due to varying quality of SO-239 connectors. The base metal of the center conductor receptacle should be springy enough to maintain good contact. Cheap connectors may have soft metal and the leaves of the receptacle stay spread apart rather than grip the center pin. Either way it'd be hard to know for sure whether good contact was being maintained so the spring is a good idea.

Lou W7DZN

----- Original Message -----
From: "n9cv" <kgb@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, January 23, 2002 1:42 AM
Subject: [FT100] Re: A new SWR problem?

> Please see post 10541 under the large paragraph labeled "FEEDING"
> I do not know if this is your problem, but for less than $.50 and 10

# 11746. Re: [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 14:53:51 UTC
From: Bobby
Topic: 11729  Message: 11746

--- lhlousek <lhlousek@...> wrote:
> I plan on fabricating some kind of mount for the
> ATAS I just ordered but what do
> you guys use for the base. I see that the ATAS
> screws onto a SO-239 type base.
> Is an ordinary bulkhead mount SO-239 strong enough?
>
> Lou W7DZN
>
> Lou, save yourself a lot of trouble and
uncertianty. I use the K400C mount by Diamond, it's
strong and adjustable. Works great for my Atas
antenna mounted on the side lip of the car trunk.
73s W4BLB

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 11747. [FT100] ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 15:24:23 UTC
From: Jeff kb2m
Topic: 11729  Message: 11747

I plan on fabricating some kind of mount for the ATAS I just ordered but what do you guys use for the base.

I use a RS 940-0913 , mounted to my roof rack and grounded, drilled out to accept a PL 258 jack to jack adapter, the adapter is passed through the drilled out mount , and tighened to the antenna with a nut, tightened gently with a wrench. A standard adapter is long enough , to allow plenty of thread for the coax 259 to connect to. When I leave the vehicle at the airport , or remove the antenna for any reason I place a plastic dust/water cap on the antenna side of the mount, to keep everything in place. This work's well centered on the roof. The antenna isn't very long, so I haven't experienced any clearance problems, with this mounted on the roof of my Exploder...

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 11748. Re: Site for FT-100D HF PA devices

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 18:08:21 UTC
From: wb4eje
Topic: 11736  Message: 11748

MRF-255s are available from RF Parts (www.rfparts.com) for $67. (ALOT CHEAPER THAN THE $200 + Yaesu service gets for them!)

DE WB4EJE

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Someone previously listed the website for the source of the MRF-255
> equivalent devices. Does anybody have that info?
> Thanks!
> N6AF Chas

# 11749. Re: [FT100] ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 17:12:23 UTC
From: Richard H. Misener (N7JPO)
Topic: 11730  Message: 11749

http://www.amcominc.com/

Dick N7JPO

----- Original Message -----
From: "John McClain" <digi2@...>
To: "FT-100" <FT100@yahoogroups.com>
Sent: Tuesday, January 22, 2002 4:47 PM
Subject: [FT100] ATAS 100 Remote Control Box

> I once read an ad about a remote control box that would allow the manual
operation of the ATAS 100 antenna so that it could be used on other radios
such as the IC-706 but I can't find the ad. Could someone aim me in the
right direction?
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 11750. Re: Site for FT-100D HF PA devices

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 19:50:01 UTC
From: backhoefade
Topic: 11736  Message: 11750

thanks for the info!
73's N6AF Chas

--- In FT100@y..., "wb4eje" <wb4eje@y...> wrote:
> MRF-255s are available from RF Parts (www.rfparts.com) for $67.
(ALOT
> CHEAPER THAN THE $200 + Yaesu service gets for them!)
>
> DE WB4EJE
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > Someone previously listed the website for the source of the MRF-
255
> > equivalent devices. Does anybody have that info?
> > Thanks!
> > N6AF Chas

# 11751. Re: [FT100] Re: A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 22:34:28 UTC
From: w2odc
Topic: 11745  Message: 11751

==========
Regarding varying quality of SO-239 connectors. The problem has taken a bite out of commercial transmitter folks on occasion. The usual problem is that some connectors use phosphor bronze for the spring material, not beryllium bronze. Especially with temperature swings the phosphor bronze will take a "set", and contact pressure will be insufficient for good electrical contact. I saw a large production run of cellular mobile telephones that had to be field "fixed" for the problem. But that was not half as serious as having the problem appear back in WW-2 with the "jack-bars" on the BC-375/191 when there was a shortage of the beryllium bronze and phosphor bronze was substituted. This is hardly a new problem.

No, I don't know how to tell the difference in spring material when holding a connector in my hand. Catalog numbers won't tell you, and even production runs might be one or the other, which is what caught the cellular phone folks mentioned above.

Bon chance & 73
Howard.....w2odc
==========
----- Original Message -----
From: "lhlousek" <lhlousek@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, January 23, 2002 9:26 AM
Subject: Re: [FT100] Re: A new SWR problem

> Ken,
>
> Good bit of detective work on your SWR problem and the spring in the SO-239
> connector is a great idea. I imagine intermittent contact while transmitting
> could easily lead to blown finals.
>
> Part of the problem may be due to varying quality of SO-239 connectors. The base
> metal of the center conductor receptacle should be springy enough to maintain
> good contact. Cheap connectors may have soft metal and the leaves of the
> receptacle stay spread apart rather than grip the center pin. Either way it'd be
> hard to know for sure whether good contact was being maintained so the spring is
> a good idea.
>
> Lou W7DZN

>
>
>
> ----- Original Message -----
> From: "n9cv" <kgb@...>
> To: <FT100@yahoogroups.com>
> Sent: Wednesday, January 23, 2002 1:42 AM
> Subject: [FT100] Re: A new SWR problem?
>
>
> > Please see post 10541 under the large paragraph labeled "FEEDING"
> > I do not know if this is your problem, but for less than $.50 and 10
>
>
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11752. Re: A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-23 22:57:01 UTC
From: n9cv
Topic: 11745  Message: 11752

Good bronze and bad bronze. I do not know how to tell them apart, this is exactly what was happening to me. I could squeeze the connector back together and after two or three removals the problem was back. I even tried a different manufacturer of the connector and had the same same problem. I must have bad bronze in my connectors.

Anyway I do not know if this is the problem you are experiencing, but the fix worked for me. I do make sure there is a car wash cap on the connector when the antenna is removed at the car wash. This way I do not loose the little spring from the jet spray against the connector when the antenna is removed.

Ken - N9CV

--- In FT100@y..., "w2odc" <w2odc@n...> wrote:
> ==========
> Regarding varying quality of SO-239 connectors. The problem has taken a bite
> out of commercial transmitter folks on occasion. The usual problem is that
> some connectors use phosphor bronze for the spring material, not beryllium
> bronze. Especially with temperature swings the phosphor bronze will take a
> "set", and contact pressure will be insufficient for good electrical
> contact. I saw a large production run of cellular mobile telephones that had
> to be field "fixed" for the problem. But that was not half as serious as
> having the problem appear back in WW-2 with the "jack-bars" on the
> BC-375/191 when there was a shortage of the beryllium bronze and phosphor
> bronze was substituted. This is hardly a new problem.
>
> No, I don't know how to tell the difference in spring material when holding
> a connector in my hand. Catalog numbers won't tell you, and even production
> runs might be one or the other, which is what caught the cellular phone
> folks mentioned above.
>
> Bon chance & 73
> Howard........w2odc
> ==========
> ----- Original Message -----

> From: "lhlousek" <lhlousek@n...>
> To: <FT100@y...>
> Sent: Wednesday, January 23, 2002 9:26 AM
> Subject: Re: [FT100] Re: A new SWR problem
>
>
> > Ken,
> >
> > Good bit of detective work on your SWR problem and the spring in
the
> SO-239
> > connector is a great idea. I imagine intermittent contact while
> transmitting
> > could easily lead to blown finals.
> >
> > Part of the problem may be due to varying quality of SO-239
connectors.
> The base
> > metal of the center conductor receptacle should be springy enough
to
> maintain
> > good contact. Cheap connectors may have soft metal and the leaves
of the
> > receptacle stay spread apart rather than grip the center pin.
Either way
> it'd be
> > hard to know for sure whether good contact was being maintained
so the
> spring is
> > a good idea.
> >
> > Lou W7DZN
> >
> >
> >
> > ----- Original Message -----
> > From: "n9cv" <kgb@i...>
> > To: <FT100@y...>
> > Sent: Wednesday, January 23, 2002 1:42 AM
> > Subject: [FT100] Re: A new SWR problem?
> >
> >
> > > Please see post 10541 under the large paragraph
labeled "FEEDING"
> > > I do not know if this is your problem, but for less than $.50
and 10
> >
> >
> >
> >

> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

# 11753. A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 01:26:58 UTC
From: John McClain
Topic: 11745  Message: 11753

I haven't seen a reply yet concerning my current SWR problem on a modified FT-100. If I change bands and then perform a TUN operation or if I move from one end of a band to the other and then perform a TUN operation, I see the SWR icon (an antenna, a big X, and the letters 'SWR') while the antenna is tuning. Still during the TUN operation as the antenna nears resonance, the antenna and X in the icon are replaced by the animated arrow going up and down but the letters 'SWR' remain. A second or two after the TUN operation is complete with low reflected power indicated in the meter, the letters 'SWR' disappear. Does anyone else see this? I really need to know what the rest of you see because this will determine whether or not I return the rig and get an IC-706. I am sorry but I am becoming very frustrated.

John
K7SVV@...

[Non-text portions of this message have been removed]

# 11754. New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 01:02:04 UTC
From: lhlousek
Topic: 11754  Message: 11754

Just received the new FT100D and ATAS that I ordered yesterday. Serial number is 1I (July 2001) and it has the SWR mod but no obvious thermal mod (no thermal switched installed per the photos in this group's files).

Although I had seen ATASs before it is amazing (appalling?) how small it is. It's going to be embarrassing pulling into a hamfest with such a puny, impotent looking, HF antenna. Sorta like going to the showers after a cold swim.

I'd like to thank all those who gave me suggestions as to mounting options and bases...lots of good clever ideas. I am going fabricate my own mounting bracket and use a Comet cable assy for the base. Before I actually had the antenna in my hands I was thinking a lot beefier than I am now. Looks like this thing will put less load on a mount than a HamStick.

Lou W7DZN

# 11755. Re: [FT100] A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 03:06:50 UTC
From: Lee Devlin
Topic: 11745  Message: 11755

--- John McClain <digi2@...> wrote:
> I haven't seen a reply yet concerning my current SWR
> problem on a modified FT-100. If I change bands and
> then perform a TUN operation or if I move from one
> end of a band to the other and then perform a TUN
> operation, I see the SWR icon (an antenna, a big X,
> and the letters 'SWR') while the antenna is tuning.
> Still during the TUN operation as the antenna nears
> resonance, the antenna and X in the icon are
> replaced by the animated arrow going up and down but
> the letters 'SWR' remain. A second or two after the
> TUN operation is complete with low reflected power
> indicated in the meter, the letters 'SWR' disappear.
> Does anyone else see this? I really need to know
> what the rest of you see because this will determine
> whether or not I return the rig and get an IC-706.
> I am sorry but I am becoming very frustrated.
>
> John
> K7SVV@...

When I tune my ATAS, I see an SWR with an X near it
just momentarily (about 1/4 second) and then I see the
animation icon while it's moving. Incidentally, I
never noticed it before, but thanks to Jeff's comments
I can now see that the animation is slightly different
when the antenna is retracting vs. when it's
extending. Then when it achieves a low SWR, the SWR
and antenna icon comes on for about 1/2 second with an
'O' near the antenna. The SWR icon does not appear
while the animation icon is present.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
Do You Yahoo!?
Great stuff seeing new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 11757. Re: [FT100] A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 04:15:01 UTC
From: Pres Waterman
Topic: 11745  Message: 11757

\> extending. Then when it achieves a low SWR, the SWR
> and antenna icon comes on for about 1/2 second with an
> 'O' near the antenna. The SWR icon does not appear
> while the animation icon is present.

Think of the "O" as short for "OK"

Too bad they didn't use a check mark

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11758. Re: [FT100] New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 06:03:46 UTC
From: Pres Waterman
Topic: 11754  Message: 11758

>
> Although I had seen ATASs before it is amazing (appalling?) how small it
is.
> It's going to be embarrassing pulling into a hamfest with such a puny,
impotent
> looking, HF antenna. Sorta like going to the showers after a cold swim.

Ya know, I have the opposite experience. I would like other's comments.

Universally, whenever anyone sees my vehicle and comments, they all say
"that's quite a large antenna you have there... who do you talk to, Mars?"
and things like that.

Personally I don't think it is so big, but everyone else thinks it's a
monster.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11759. Re: [FT100] ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 06:56:07 UTC
From: Pres Waterman
Topic: 11730  Message: 11759

> I once read an ad about a remote control box that would allow the manual operation of the ATAS 100 antenna so that it could be used on other radios such as the IC-706 but I can't find the ad. Could someone aim me in the right direction?

You could spend almost $100 on it.

You COULD build it for well under $20

1 small aluminum box
2 SO-239 chassis sockets
1 7808 8v regulator
1 100uH choke ( to isolate RF from DC )
few .01uF bypass capacitors ( to short crud to ground at the regulator )
1 .1uF capacitor ( to isolate DC from the radio )
1 S/DPDT center off momentary switch ( to select regulator output or raw 12v to go through the coil to the antenna )
various wire and coax
optional LED to indicate action and direction

The switch momentarily provides EITHER 8v or pure 12v to the antenna-connected SO-239 VIA the 100uH choke.

The .1uF cap COUPLES the radio and antenna sockets together, as short a path as possible.

The .01uF bypass caps go to the input and output pins on the regulator to gnd.

```
rig>>-----||----p----->>ant
|
o-0)))))--/
|
/\
```

8 or 12v switched to coil momentary.

ALL parts at Radio Shack. Works great, lasts long time. I use it with my FT-817

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11760. RE: [FT100] F Menu Explanations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 04:58:40 UTC
From: John Spiceman
Topic: 11737  Message: 11760

Thanks Chas and Zool. I had adjusted about a dozen or so F menu items to a rough average of the Yaesu Global settings and other's settings. Some were quite a bit different than my original readings....BUT I did write the old ones down. I've set them all back now. I am the 3rd owner of this FT-100 and can only hope no one "adjusted" them prior to me getting it. Thanks for the explanations. I'll keep my mitts off ... except F51 which I've set to 25 watts idle carrier. Which, on my radio, is about 62. John - WB0RLD --- agzol@... wrote: > Hi John, > > This is my understanding of the F Menu. > > The FT 100 is CPU driven transceiver ( 3 in totals). > The whole system > relies on the proper functions of these CPUs. If you > have access to the > service manual, there are not much pot and trimmers > which we can tweaks. > > There are various DACs and ADCs in the whole system. > These are the devices > which connect the real world to the transceiver. We > give the inputs, and these > devices tell the CPUs what to do. > > An example, look at Menu 23 on your FT 100. It's the > VHF Power output, and > it is only numbers ( 1 to 100). The VHF output is > about 50W ( as the book says) > and that 100 units is suppose to give you 50Watts. > > So what is next?? > > Due to variations is the components, these values > are not the same from one rig > to another, so some sort of calibrations has to be > done in the factory to set the > standards. > > Look at you F Menu ( hidden menu ) items F21 and > F22. These are the values > when they calibrated the rigs before they were > shipped from the factories. > > In my case, my F22 is 105 and Yaesu Global value is > at 110. My F23 is > at135, and Yaesu Global values is at 152. These are > the values when the > rig is calibrated for 20W and 50W output. Your > values could be different > mine, due to the components variations. > > The rest of the menus are of similar in nature, and > I hope you copy your > F Menu values and keep them safe. In case something > went wrong, all > you have to do is put back the values in the proper > menu. > > If you think of changing these values, pls. think > twice, unless you have > access to the service manual and with the proper > equipments for calibrations. > > The Function menus were accessible to us to do the > changes within the limits of these > hidden F menus. > > I hope this will give you a better understanding of > the hidden menus, and I stand > to be corrected if these explainations are wrong. > > Thank You > > 73s de Zool 9W2AC / Malaysia > > > > > ** Original Subject: RE: [FT100] F Menu > Explanations > > ** Original Sender: jrmorris28 > > > ** Original Date: Wed, 23 Jan 2002 18:57:37 +0800 > (SGT) > > > ** Original Message follows... > > > > > > > > > > > > > In the Yaesu manual, there are short descriptions > for each standard
> > function 01-66. Obviously, since the F Menu is not > supposed to be
> > accessed, there are none.
> > Could the folks "in the know" put some > meaning into what some of
> > these F Menu functions address? In particular, > what are you setting
> > in the following:
> >
> > F11-F12: HF/V/UHF IC ALC
> >
> > F13-F14-F15: HF PO 10W, 50W and 100W
> >
> > F25-F36: TX IF G for each band. What does this > actually do?
> >
> > F37: ALC Meter How do you calibrate > this? Is it necessary?

> >
> > F38-F41: HF/50/144/430 PO Meter What do the > settings represent?
> >
> > F42-F46: HF/50/70/144/430 REV ALC
> >
> > Don't want to be wasting bandwidth but > "Inquiring minds
> > want to know" :-)
> >
> > Maybe all this is addressed in the service > manual...
> >
> > Thanks
> >
> > John WB0RLD
> >
> >
> >
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url/http://www.gloss.com/module/Clinique/templates/product/prod_single.jhtml% >
3FmCategoryId=cat550354%26mProductId=prod2240730%26mktAdTrack= > 22800104">
src="http://us.a1.yimg.com/us.yimg.com/a/an/anchor/shopping/gloss/gcl_ncs_beauty_greatski
> n.jpg" width=300 height=250 ALT="[]" > border=0>
width="98%">
> >
> >
src="http://us.adserver.yahoo.com/l?M= >
153641.1824646.3335993.1261774/D=egroupmail/S=1705063108:HM/A= > 919242/rand=352308924">
> >
> > > > > > > > > > >
> > > > Post > message: > FT100 > @yahoogroups.com
> > > Subscribe: > FT100-subscribe@yahoogroups.com
> > > Unsubscribe: > > FT100-unsubscribe@yahoogroups.com
> > List > owner: > FT100-owner@yahoogroups.com
> > FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html"> >
http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as > possible. > >
> > > > >
> > Your use of Yahoo! Groups is subject to the >

href="http://docs.yahoo.com/info/terms/">Yahoo! > Terms of Service. > > > > > > > > > >** --------- End Original Message ----------- ** > > > > > > > === message truncated === _____ Do You Yahoo!? Great stuff seeking new owners in Yahoo! Auctions! http://auctions.yahoo.com

# 11761. Re: [FT100] Re: ATAS mount???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 04:35:03 UTC
From: John Spiceman
Topic: 11729  Message: 11761

Yes. Although it worked fine without one.

The way I do that is to take a dual female extra long coupler with a couple of nuts in the middle. You can get a special ring that will fit on this dual female connector between the two nuts and it has a soldering lug on it.

I simply soldered a piece of ground strap from that to a lag screw into the frame.

Then I put the ant coax into one end and tie it up under the back seat speaker deck. Then I go from there to the FT-100 with another piece of coax.

Seems to work pretty well except on 17 mtrs. I think if I mess with the feedline length I can make that work.

John - WB0RLD

--- joates_48323 <joates@...> wrote:
> Hi John,
> Do you use a grounding strap with the mag mount?
>
> Joe -KB8BO
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Lou,
> >
> > I use the MFJ large mag mount. Seems to work so
> far.
> > Get great reports.
> >
> > JOhn - WB0RLD
> >
> > --- "Dale G. Brown" <dgbrown@w...> wrote:
> > > Lou: I have used a 2 inch long bulkhead
> connector
> > > for two years on one ATAS100 and
> > > a similar set-up on another ATAS100....no
> problems,
> > > even at 90 MPH..Dale KC2PZ
> > >
> > > lhlousek wrote:
> > >

> > > > I plan on fabricating some kind of mount for
> the
> > > > ATAS I just ordered but what do
> > > > > you guys use for the base. I see that the
> ATAS
> > > > screws onto a SO-239 type base.
> > > > > Is an ordinary bulkhead mount SO-239 strong
> > > > enough?
> > > > >
> > > > > Lou W7DZN
> > > > >
> > > > >
> > > > > Post message: FT100@y...
> > > > > Subscribe:
> > > > FT100-subscribe@y...
> > > > > Unsubscribe:
> > > > FT100-unsubscribe@y...
> > > > > List owner: FT100-owner@y...
> > > > > FAQ on WWW:
> > > > http://www.k0lee.com/ft100faq.html
> > > > >
> > > > > We are all a part of this Lets make it as good
> > as
> > > > possible.
> > > > >
> > > > > Your use of Yahoo! Groups is subject to
> > > > http://docs.yahoo.com/info/terms/
> > > >
> > > >
> > >
> > >
> > > _____
> > > Do You Yahoo!?
> > > Send FREE video emails in Yahoo! Mail!
> > > http://promo.yahoo.com/videomail/
> >
> >

_____
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http://auctions.yahoo.com

# 11762. Re: [FT100] A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 05:16:06 UTC
From: robert blumenkranz
Topic: 11745  Message: 11762

After it stops does the SWR indicator come on when you
key up or does the rig work correctly after that.
If the SWR indicator stays on for a second and then
when you key up you see it again, you may have the
problem I had. Look at your antenna carefully when you
do a manual UP command and release the button does the
antenna stop dead or does it reverese direction a bit?

Thanks,
Bob Ni6r
--- John McClain <digi2@...> wrote:
> I haven't seen a reply yet concerning my current SWR
> problem on a modified FT-100. If I change bands and
> then perform a TUN operation or if I move from one
> end of a band to the other and then perform a TUN
> operation, I see the SWR icon (an antenna, a big X,
> and the letters 'SWR') while the antenna is tuning.
> Still during the TUN operation as the antenna nears
> resonance, the antenna and X in the icon are
> replaced by the animated arrow going up and down but
> the letters 'SWR' remain. A second or two after the
> TUN operation is complete with low reflected power
> indicated in the meter, the letters 'SWR' disappear.
> Does anyone else see this? I really need to know
> what the rest of you see because this will determine
> whether or not I return the rig and get an IC-706.
> I am sorry but I am becoming very frustrated.
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

_____
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http://auctions.yahoo.com

# 11763. Re: New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 08:31:43 UTC
From: n9cv
Topic: 11754  Message: 11763

It is functionality and how you use it, not size that counts.

Ken - N9CV

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > Although I had seen ATASs before it is amazing (appalling?) how small it
> is.
> > It's going to be embarrassing pulling into a hamfest with such a puny,
> impotent
> > looking, HF antenna. Sorta like going to the showers after a cold swim.
>
>
> Ya know, I have the opposite experience. I would like other's comments.
>
> Universally, whenever anyone sees my vehicle and comments, they all say
> "that's quite a large antenna you have there... who do you talk to, Mars?"
> and things like that.
>
> Personally I don't think it is so big, but everyone else thinks it's a
> monster.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

# 11764. Greetings - New on the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 12:08:50 UTC
From: Ricky Scott
Topic: 11737  Message: 11764

My Signup welcome said dont be a lurker, so Here goes.

I do not have a FT100, I currently have an Icom 735. But its OLD and tired. Ive been looking at both the 706MKIIG and the FT100D. I just bought the FT1500 2 meter and am really impressed with it. So Im leaning on the FT100D.

SO, I joined the list to get Ideas of how it works and the general consensus of owner enjoyment.

Please dont reply how much you do, I can look at back messages for that, plus we dont want to clutter the list. Ill just read the list for a while to get that flavor, as I have plenty of time for the funds currently arnt avail yet. But, getting there.

Now I can lurk.

Rick KF7QZ
Everett, Washington.

---
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# 11765. Re: [FT100] A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:22:14 UTC
From: w3wjr@aol.com
Topic: 11745  Message: 11765

you know this sounds like what my FT-100 does. I see this every time I tune mine (manual antenna tuner). I start out the match is like 5:1, bring the match down to 1.5:1 or so but the SWR light takes a couple seconds to go out. compaired to what it did before the mod, I don't think this is a problem. Almost acts like the logic that turns on the SWR light is heat, and even thought the match is now correct it takes a second or 2 for what ever "logic" turns on the light to catch up with the match.

W3WJR

In a message dated 1/23/2002 9:30:22 PM Eastern Standard Time,
digi2@... writes:

> I haven't seen a reply yet concerning my current SWR problem on a modified
> FT-100. If I change bands and then perform a TUN operation or if I move
> from one end of a band to the other and then perform a TUN operation, I see
> the SWR icon (an antenna, a big X, and the letters 'SWR') while the antenna
> is tuning. Still during the TUN operation as the antenna nears resonance,
> the antenna and X in the icon are replaced by the animated arrow going up
> and down but the letters 'SWR' remain. A second or two after the TUN
> operation is complete with low reflected power indicated in the meter, the
> letters 'SWR' disappear. Does anyone else see this? I really need to know
> what the rest of you see because this will determine whether or not I
> return the rig and get an IC-706. I am sorry but I am becoming very
> frustrated.
>

[Non-text portions of this message have been removed]

# 11766. Re: [FT100] ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:46:15 UTC
From: Martin Rigoulot
Topic: 11730  Message: 11766

The Remote Web Site Is...

http://www.amcominc.com

Hope this is what you were looking for..

Marty ( K1PIG )

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, January 24, 2002 1:56 AM
Subject: Re: [FT100] ATAS 100 Remote Control Box

>
>
> > I once read an ad about a remote control box that would allow the manual
> operation of the ATAS 100 antenna so that it could be used on other radios
> such as the IC-706 but I can't find the ad. Could someone aim me in the
> right direction?
>
>
> You could spend almost $100 on it.
>
> You COULD build it for well under $20
>
> 1 small aluminum box
> 2 SO-239 chassis sockets
> 1 7808 8v regulator
> 1 100uH choke ( to isolate RF from DC )
> few .01uF bypass capacitors ( to short crud to ground at the
regulator )
> 1 .1uF capacitor ( to isolate DC from the radio )
> 1 S/DPDT center off momentary switch ( to select regulator output or
raw
> 12v to go through the coil to the antenna )
> various wire and coax
> optional LED to indicate action and direction
>
> The switch momentarily provides EITHER 8v or pure 12v to the
> antenna-connected SO-239 VIA the 100uH choke.
>
> The .1uF cap COUPLES the radio and antenna sockets together, as short a
path
> as possible.
>

> The .01uF bypass caps go to the input and output pins on the regulator to
> gnd.
>
> rig>>-----||----p----->>ant
> |
> o-0)))))--/
> |
> /\
>
> 8 or 12v switched to coil momentary.
>
> ALL parts at Radio Shack. Works great, lasts long time. I use it with my
> FT-817
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 11767. New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:46:32 UTC
From: David F. Morse
Topic: 11754  Message: 11767

>------------------------

Right Pres; I've had similar comments on my atas100. Of course, mine
is set up to operate horiz polarity and when I crank it up to
vertical polarity there are lots of ohs and ahs. Once I explain what
it all is, everyone loses interest; what they really wanted to see is
a spy radio stuff. ha.
David in Denver
k0dar
//////////////////////////

> > Although I had seen ATASs before it is amazing (appalling?) how small it
>is.
>> It's going to be embarrassing pulling into a hamfest with such a puny,
>impotent
>> looking, HF antenna. Sorta like going to the showers after a cold swim.
>
>
>Ya know, I have the opposite experience. I would like other's comments.
>
>Universally, whenever anyone sees my vehicle and comments, they all say
>"that's quite a large antenna you have there... who do you talk to, Mars?"
>and things like that.
>
>Personally I don't think it is so big, but everyone else thinks it's a
>monster.
>
>Thanks
>
>Pres Waterman, W2PW

--

# 11768. Re: [FT100] New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:15:19 UTC
From: Paul Manuel
Topic: 11754  Message: 11768

--- Pres Waterman <presw@...> wrote:
.
>
> Universally, whenever anyone sees my vehicle and comments, they all say
> "that's quite a large antenna you have there... who do you talk to,
> Mars?"
> and things like that.
>
When they see my car with the 60 inch dual band antenna on the roof, a cell antenna, two hamsticks and the regular broadcast antenna, sometimes they ask if I talk to "Outer Space." They laugh hysterically when I tell them I have talked to the space station!
73,
Paul K4PDM

_____
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# 11769. Re: [FT100] ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:41:58 UTC
From: lhlousek
Topic: 11730  Message: 11769

<<You COULD build it for well under $20>>

As I understand it, the FT100 puts out 8.4<V<10 for about a 1/2 second after a move which causes the circuit in the antenna to short the motor leads and provide braking. I wonder of the commercially available control box does that. It might be a nice embellishment to your home brew control box. Then again, it might not be necessary.

Lou W7DZN

# 11770. Microphone pin out

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 14:34:18 UTC
From: Bob Evans
Topic: 11770  Message: 11770

Hi everyone,

I've managed to lose my manual and need to know the pinouts on the RJ-11 microphone connector. Actually, just the audio pair are the ones I need. Anybody got a manual handy?

By the way, just to balance things out here, my FT100 is still working perfectly after 18 months and its never (knock on wood) been to the factory for repairs/mods. I'm taking it to ZF (Cayman Islands) for the ARRL DX CW contest to give it another contest workout. ATAS-100 still flawless as well.

Thanks!
Bob Evans, K5WA

# 11771. RE: [FT100] New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 14:47:17 UTC
From: William Mastop
Topic: 11754  Message: 11771

That's been my experience with the public as well. It is a good chance to
do a bit of a sales pitch on ham radio though.
At ham fests, I get lots of inquiries about it, and they have always been
inquiries of interest rather than negative comments.
William

>
> Ya know, I have the opposite experience. I would like other's comments.
>
> Universally, whenever anyone sees my vehicle and comments, they all say
> "that's quite a large antenna you have there... who do you talk to, Mars?"

# 11772. Re: [FT100] New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 16:07:26 UTC
From: Pres Waterman
Topic: 11754  Message: 11772

> Right Pres; I've had similar comments on my atas100. Of course, mine
> is set up to operate horiz polarity and when I crank it up to
> vertical polarity there are lots of ohs and ahs. Once I explain what
> it all is, everyone loses interest; what they really wanted to see is
> a spy radio stuff. ha.

You know, there are so many double entendres...

Do you get people also ask if you are on the Internet with that thing?

Thank God it's not 20 years ago. I really hated the "Oh, CB radio...!"
thing.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11773. Re: F Menu Explanations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 13:52:36 UTC
From: ki5mp
Topic: 11737  Message: 11773

I would also like to see a short description of each item in the "F" menu. Although most of the settings are set at the factory and shouldn't be changed, there are probably several that we could tweak based on our own unique installations that would better serve us. Is this information explained in the service manual?

Thanks,
Mike KI5MP

--- In FT100@y..., "jrmorris28" <jrmorris28@y...> wrote:
> In the Yaesu manual, there are short descriptions for each standard
> function 01-66. Obviously, since the F Menu is not supposed to be
> accessed, there are none.
> Could the folks "in the know" put some meaning into what some of
> these F Menu functions address? In particular, what are you setting
> in the following:
>
> F11-F12: HF/V/UHF IC ALC
>
> F13-F14-F15: HF PO 10W, 50W and 100W
>
> F25-F36: TX IF G for each band. What does this actually do?
>
> F37: ALC Meter How do you calibrate this? Is it necessary?
>
> F38-F41: HF/50/144/430 PO Meter What do the settings represent?
>
> F42-F46: HF/50/70/144/430 REV ALC
>
> Don't want to be wasting bandwidth but "Inquiring minds
> want to know" :-)
>
> Maybe all this is addressed in the service manual...
>
> Thanks
>
> John WB0RLD

# 11774. New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 16:15:04 UTC
From: lhlousek
Topic: 11774  Message: 11774

I read through the salient sections of the manual, hooked up my new FT100D in the shack, and tried it out (on CW).

These are my first impressions. Please let me know if there are easier ways to do things or if I'm wrong about anything.

I didn't do any critcal listening tests or RX comparisons but the RX sounded good. With phones plugged directly into the speaker output the side tone was horrendously loud and I could hear hiss and digital hash. A 150 ohm resistor in series with the 36 ohm head phones (18 ohms with L and R connected in parallel) (a little different than what is shown in the manual) brought the side tone in line with the received audio and made the hiss and hash inaudible. The manual says the rig is too small for a headphone jack. Give me a break. I could add one but it'll probably make more sense to put together an external box with headphone and speaker jacks and a switch to switch between the two... and maybe a separate volume control for the phones to make it easier to control the relative level of the side tone.

Fans were initially off but cycled on and off on low speed after the rig warmed up. If the fans were running on low speed, switching to VHF made them stop and going back down to HF made them start again. I think I will probably do the resistor to ground mod on the fans when it gets towards summer.

Power output was a little stingy ranging from 80 W on 160 m to 95 W on 40 thru 20 m and 90 W up thru 6m. I guess this is about par for these rigs? I measured 40 W on 2 m but don't have any sense for how accurate my power meter is on 2 meters. On HF my power meter agrees very closely with the power meter on my MkV and a few other meters and rigs that I've tried. Not that 1/2 a dB here or there is going to make any difference but it would be nice if these rigs met spec.

First QSO was with SP9FV on 20 meters with 40 W CW. The only way I could figure out to get a spot tone for zero beating is to switch off BK and hold the key down. Seems too easy to accidentally transmit on top of a station your trying to tune to. Is there another way?

For operating CW I had Func set on line 8 so I could turn BK on and off to get a spot tone (also good because it has the memory keyer buttons) and the menu set to 52 so I could reasonably quickly access the keyer speed. Unfortunately, to work split, change filters or change IPO/ATN/AGC/NB settings you need to scroll though all 9 Func lines. Changing DSP DPB width or output power will mean scrolling through a bunch of menu items to get back to keyer speed. Lots of button pressing and knob twirling. The user interface is linear and logical but not easy or convenient to use. Given the number of buttons and knobs I think they could have come up with a much better system.

QSK was pretty good but the relay sure is loud. I guess in a mobile environment with the main portion of the rig mounted out of the way it won't be an issue. There were some QSK clicks in the audio with the 500 Hz filter but not the 2400 Hz filter. Similar to my MkV in this regard. Does anybody have the 300 Hz filter installed?

The first 40 out of the 60 dimmer levels for the display don't do anything. The remaining 20 levels work fine but makes you wonder why the first 40 are there.

I'll be using the rig in my shack for a few days before installing it in my 97 Explorer along with the ATAS this weekend. If I get a chance I might try out the ATAS with a few counterpoises before installing it.

Lou W7DZN

# 11775. Re: [FT100] ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 16:38:35 UTC
From: Pres Waterman
Topic: 11730  Message: 11775

> <<You COULD build it for well under $20>>
>
> As I understand it, the FT100 puts out 8.4<V<10 for about a 1/2 second after a
> move which causes the circuit in the antenna to short the motor leads and
> provide braking. I wonder of the commercially available control box does that.
> It might be a nice embellishment to your home brew control box. Then again, it
> might not be necessary.

I am thinking it is unnecessary. I have never noticed the coasting down effect. And I just watch the internal SWR indicator on the FT817, when it dips I let go and it works great.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11776. Re: New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 17:02:10 UTC
From: backhoefade
Topic: 11774  Message: 11776

Here's how I set up my sidetone level for both headphones and speaker.

Open up the top of the chassis (6 screws) and carefully adjust VR1004 (I think that's the number) which is the surface mount pot next to the connector on the PC board for the speaker wire. Set it for whatever level you want for sidetone out of the speaker. Of course you need to place the top back on the rig for a final audio level check. Then go to radio shack or similar and buy some inexpensive headphones that have an in-line volume control. Also buy the "stereo to mono" adaptor at RS if the phones are stereo. I bought some phones called something like "Titanium" that were normally $40 but on sale for $20. An added benefit is their fidelity when you run AM on 80 meters or do casual listening, albeit mono, on the commercial FM band. Then you can use the in-line volume control to set the sidetone level in the phones. You'll see what I mean when you do this. The nice thing is that once you have set the in-line control for the desired side-tone level in the phones, then you can use the volume control on the front of the rig to adjust the signal volume, but the side-tone remains just where you wanted it. Perfect!
Chas N6AF

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I read through the salient sections of the manual, hooked up my new FT100D in
> the shack, and tried it out (on CW).
>
> These are my first impressions. Please let me know if there are easier ways to
> do things or if I'm wrong about anything.
>
> I didn't do any critcal listening tests or RX comparisons but the RX sounded
> good. With phones plugged directly into the speaker output the side tone was
> horrendously loud and I could hear hiss and digital hash. A 150 ohm resistor in
> series with the 36 ohm head phones (18 ohms with L and R connected in parallel)
> (a little different than what is shown in the manual) brought the side tone in
> line with the received audio and made the hiss and hash inaudible. The manual
> says the rig is too small for a headphone jack. Give me a break. I could add
> one but it'll probably make more sense to put together an external

box with
> headphone and speaker jacks and a switch to switch between the
two... and maybe
> a separate volume control for the phones to make it easier to
control the
> relative level of the side tone.
>
> Fans were initially off but cycled on and off on low speed after
the rig warmed
> up. If the fans were running on low speed, switching to VHF made
them stop and
> going back down to HF made them start again. I think I will
probably do the
> resistor to ground mod on the fans when it gets towards summer.
>
> Power output was a little stingy ranging from 80 W on 160 m to 95 W
on 40 thru
> 20 m and 90 W up thru 6m. I guess this is about par for these
rigs? I measured
> 40 W on 2 m but don't have any sense for how accurate my power
meter is on 2
> meters. On HF my power meter agrees very closely with the power
meter on my MkV
> and a few other meters and rigs that I've tried. Not that 1/2 a dB
here or
> there is going to make any difference but it would be nice if these
rigs met
> spec.
>
> First QSO was with SP9FV on 20 meters with 40 W CW. The only way I
could figure
> out to get a spot tone for zero beating is to switch off BK and
hold the key
> down. Seems too easy to accidentally transmit on top of a station
your trying
> to tune to. Is there another way?
>
> For operating CW I had Func set on line 8 so I could turn BK on and
off to get a
> spot tone (also good because it has the memory keyer buttons) and
the menu set
> to 52 so I could reasonably quickly access the keyer speed.
Unfortunately, to
> work split, change filters or change IPO/ATN/AGC/NB settings you
need to scroll
> though all 9 Func lines. Changing DSP DPB width or output power
will mean
> scrolling through a bunch of menu items to get back to keyer
speed. Lots of
> button pressing and knob twirling. The user interface is linear and

logical but
> not easy or convenient to use. Given the number of buttons and
knobs I think
> they could have come up with a much better system.
>
> QSK was pretty good but the relay sure is loud. I guess in a
mobile environment
> with the main portion of the rig mounted out of the way it won't be
an issue.
> There were some QSK clicks in the audio with the 500 Hz filter but
not the 2400
> Hz filter. Similar to my MkV in this regard. Does anybody have the
300 Hz
> filter installed?
>
> The first 40 out of the 60 dimmer levels for the display don't do
anything. The
> remaining 20 levels work fine but makes you wonder why the first 40
are there.
>
> I'll be using the rig in my shack for a few days before installing
it in my 97
> Explorer along with the ATAS this weekend. If I get a chance I
might try out
> the ATAS with a few counterpoises before installing it.
>
> Lou W7DZN

# 11777. Re: New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 17:12:38 UTC
From: backhoefade
Topic: 11774  Message: 11777

You can use the "sub menu F functions" to set your output power on HF to a solid 100 Watts out if you want the full 100 Watts. You can even run the thing up to about 160 to 170 Watts out CW if you want but of course don't do that. Hold buttons A,B and C in while turning on the rig. Then go to the scrolling menu and scroll past the last standard function to get to the "F" functions. Then find the F functions that's called "HF 100W" (or similar to that). Then key down with the keyer disabled and set the output to 100 Watts. I think the function is either F15 or F21 but I'm not certain. I don't have the rig with me right now. Be sure you use a good dummy load and accurate external power meter when you do this. You can do the same thing for 6 meters, 2 meters and 70 cm but, again, you must have a dummy load and power meter rated for those frequencies and power levels. I would just set the HF output power and leave the others alone myself. If you want to know how to run AM with the FT-100D read my post about it. You can find it by entering "F51" in the search window of this website and then finding the post called "AM operation with the FT-100D". Have fun!

N6AF Chas

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I read through the salient sections of the manual, hooked up my new FT100D in
> the shack, and tried it out (on CW).
>
> These are my first impressions. Please let me know if there are easier ways to
> do things or if I'm wrong about anything.
>
> I didn't do any critcal listening tests or RX comparisons but the RX sounded
> good. With phones plugged directly into the speaker output the side tone was
> horrendously loud and I could hear hiss and digital hash. A 150 ohm resistor in
> series with the 36 ohm head phones (18 ohms with L and R connected in parallel)
> (a little different than what is shown in the manual) brought the side tone in
> line with the received audio and made the hiss and hash inaudible. The manual
> says the rig is too small for a headphone jack. Give me a break. I could add
> one but it'll probably make more sense to put together an external

box with
> headphone and speaker jacks and a switch to switch between the
two... and maybe
> a separate volume control for the phones to make it easier to
control the
> relative level of the side tone.
>
> Fans were initially off but cycled on and off on low speed after
the rig warmed
> up. If the fans were running on low speed, switching to VHF made
them stop and
> going back down to HF made them start again. I think I will
probably do the
> resistor to ground mod on the fans when it gets towards summer.
>
> Power output was a little stingy ranging from 80 W on 160 m to 95 W
on 40 thru
> 20 m and 90 W up thru 6m. I guess this is about par for these
rigs? I measured
> 40 W on 2 m but don't have any sense for how accurate my power
meter is on 2
> meters. On HF my power meter agrees very closely with the power
meter on my MkV
> and a few other meters and rigs that I've tried. Not that 1/2 a dB
here or
> there is going to make any difference but it would be nice if these
rigs met
> spec.
>
> First QSO was with SP9FV on 20 meters with 40 W CW. The only way I
could figure
> out to get a spot tone for zero beating is to switch off BK and
hold the key
> down. Seems too easy to accidentally transmit on top of a station
your trying
> to tune to. Is there another way?
>
> For operating CW I had Func set on line 8 so I could turn BK on and
off to get a
> spot tone (also good because it has the memory keyer buttons) and
the menu set
> to 52 so I could reasonably quickly access the keyer speed.
Unfortunately, to
> work split, change filters or change IPO/ATN/AGC/NB settings you
need to scroll
> though all 9 Func lines. Changing DSP DPB width or output power
will mean
> scrolling through a bunch of menu items to get back to keyer
speed. Lots of
> button pressing and knob twirling. The user interface is linear and

logical but
> not easy or convenient to use. Given the number of buttons and
knobs I think
> they could have come up with a much better system.
>
> QSK was pretty good but the relay sure is loud. I guess in a
mobile environment
> with the main portion of the rig mounted out of the way it won't be
an issue.
> There were some QSK clicks in the audio with the 500 Hz filter but
not the 2400
> Hz filter. Similar to my MkV in this regard. Does anybody have the
300 Hz
> filter installed?
>
> The first 40 out of the 60 dimmer levels for the display don't do
anything. The
> remaining 20 levels work fine but makes you wonder why the first 40
are there.
>
> I'll be using the rig in my shack for a few days before installing
it in my 97
> Explorer along with the ATAS this weekend. If I get a chance I
might try out
> the ATAS with a few counterpoises before installing it.
>
> Lou W7DZN

# 11778. Re: [FT100] Re: New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 17:26:46 UTC
From: Pres Waterman
Topic: 11774  Message: 11778

> this. The nice thing is that once you have set the in-line control
> for the desired side-tone level in the phones, then you can use the
> volume control on the front of the rig to adjust the signal volume,
> but the side-tone remains just where you wanted it. Perfect!

Why, is the side tone fixed? It doesn't track with volume? I hadn't noticed.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11779. Re: [FT100] Microphone pin out

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 16:39:53 UTC
From: Einar Carlsen
Topic: 11770  Message: 11779

go to www.mods.dk
They show the mike pin out plus several other interesting hookups
Einar VE7BAQ
----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Thursday, January 24, 2002 6:34 AM
Subject: [FT100] Microphone pin out

Hi everyone,

I've managed to lose my manual and need to know the pinouts on the RJ-11
microphone connector. Actually, just the audio pair are the ones I need.
Anybody got a manual handy?

By the way, just to balance things out here, my FT100 is still working
perfectly after 18 months and its never (knock on wood) been to the factory
for repairs/mods. I'm taking it to ZF (Cayman Islands) for the ARRL DX CW
contest to give it another contest workout. ATAS-100 still flawless as
well.

Thanks!
Bob Evans, K5WA

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[Non-text portions of this message have been removed]

# 11780. Re: ATAS 100 Remote Control Box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 16:58:13 UTC
From: w1pa
Topic: 11730  Message: 11780

It's hidden in the manual, but they prefer you tune the antenna at 5 or 10w before bringing the rig up to full power. For $70, there really is only $5 of parts in it. For $20, you could build one with much higher voltage parts (I used 3KV caps and a 1A choke).

Just my 2c

Bill
w1pa

--- In FT100@y..., "Martin Rigoulot" <mrigoulot@c...> wrote:
> The Remote Web Site Is...
>
> http://www.amcominc.com
>
> Hope this is what you were looking for..
>
> Marty ( K1PIG )
>
>

# 11781. Mike Pinouts (lost manual)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 17:01:42 UTC
From: ve7baq
Topic: 11781  Message: 11781

K5WA wrote:
I lost my manual and need the pin outs for the mike.
Go to www.mods.dk
He lists shows the pin out diagram and you can print it out plus a lot of other info for not only the FT-100D, but quite a few other rigs.
Einar VE7BAQ

# 11782. ATAS first impressions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 18:37:17 UTC
From: lhlousek
Topic: 11782  Message: 11782

I couldn't wait so I rigged up my ATAS with some counterpoises, a choke balun on the feedline, and tried it out. It works properly as far as I can tell (runs up and down, finds a tune and doesn't overshoot). I tried manual tuning too. It couldn't find a tune on all bands but that's not too surprising considering my counterpoise set up. Heard pleanty of sigs a IDed after the tune but did not attempt any QSOs with the antenna sitting in my shack. FB so far.

I haven't measured it but according to the display on the rig the power is reduced to something under 10W while tuning.

I noted the admonition in the ATAS instruction sheet to not attempt tuning while driving. Is this a real limitation of the antenna or just the typical CYA boilerplate absolving Yaesu of liability should you crash while dorking with the antenna?

Lou W7DZN

# 11783. Re: New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 19:06:49 UTC
From: backhoefade
Topic: 11774  Message: 11783

Correct - it does not track with the volume. That's why the in-line volume control approach works so well. You set it to the level you want in the phones (of course after first setting up the internal pot for the speaker level) and then you can crank the volume to high-heck on weak signals but still not blow your ears out with the side-tone.

--- In FT100@y..., "Pres Waterman" <presw@1...> wrote:
> > this. The nice thing is that once you have set the in-line control
> > for the desired side-tone level in the phones, then you can use the
> > volume control on the front of the rig to adjust the signal volume,
> > but the side-tone remains just where you wanted it. Perfect!
>
>
> Why, is the side tone fixed? It doesn't track with volume? I hadn't noticed.
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!

# 11784. Re: [FT100] Re: New FT100D, first impressions.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 19:00:42 UTC
From: lhlousek
Topic: 11774  Message: 11784

Chas,

Your suggestion to use a headset with a built in volume control is a good idea. Similar to my idea to include a volume control for the headset in a audio breakout box. Might be easier to get a head set with vol control specifically for the mobile.

Also understand about the hidden menu items for setting max power. Perhaps when I get my hands on a calibrated Bird I might adjust them.

Thanks for the info.

Lou W7DZN

# 11785. Found a bug in the keyer!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 19:52:34 UTC
From: lhlousek
Topic: 11785  Message: 11785

I found a bug in the memory keyer. It's similar to a known bug in the MkV.

I like a slightly heavier CW weighting than textbook standard so I set the keyer dit weight for 13 and dah weight for 36. (the increase in the dash length should be twice the increase in the dit length to keep the timing correct). An explanation: The textbook weighting is a dit and a space are the same length and each is three times longer than a dah. Two dits and two spaces fit in the same time as a dah and one space. That means that dits occur twice as fast dahs. If you're rhythmically inclined you can hold the dit lever or dah lever while tapping your foot and verify this ( sixteenth notes vs. eighth notes etc.). Anyway, to keep the correct relative timing increase the dah length twice the increase of the dit length.

Oh yeah, the bug.....The first time you use the memory keyer after turning the rig on the weighting will revert to 10 and 30 but the displayed values in the menu will still be 13 and 36. If I change the displayed values away and then back to 13 and 36 the weighting is correct from then on until the next time I power up and use the memory keyer. The MkV has the same bug but only the dash weight is affected.

Lou W7DZN

# 11786. Re: [FT100] A new SWR problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 20:08:41 UTC
From: John McClain
Topic: 11745  Message: 11786

It tuned ok and no SWR icon was seen when I keyed up. This problem was also seen in the house on my vertical and beam using the FC-20 tuner so it doesn't sound like the problem you have been experiencing.

John
K7SVV@...
----- Original Message -----
From: robert blumenkranz
To: FT100@yahoogroups.com
Sent: Wednesday, January 23, 2002 10:16 PM
Subject: Re: [FT100] A new SWR problem

After it stops does the SWR indicator come on when you
key up or does the rig work correctly after that.
If the SWR indicator stays on for a second and then
when you key up you see it again, you may have the
problem I had. Look at your antenna carefully when you
do a manual UP command and release the button does the
antenna stop dead or does it reverese direction a bit?

Thanks,
Bob Ni6r
--- John McClain <digi2@...> wrote:
> I haven't seen a reply yet concerning my current SWR
> problem on a modified FT-100. If I change bands and
> then perform a TUN operation or if I move from one
> end of a band to the other and then perform a TUN
> operation, I see the SWR icon (an antenna, a big X,
> and the letters 'SWR') while the antenna is tuning.
> Still during the TUN operation as the antenna nears
> resonance, the antenna and X in the icon are
> replaced by the animated arrow going up and down but
> the letters 'SWR' remain. A second or two after the
> TUN operation is complete with low reflected power
> indicated in the meter, the letters 'SWR' disappear.
> Does anyone else see this? I really need to know
> what the rest of you see because this will determine
> whether or not I return the rig and get an IC-706.
> I am sorry but I am becoming very frustrated.
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been
> removed]

>
>
>

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[Non-text portions of this message have been removed]

# 11787. info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-24 21:52:54 UTC
From: kq6odntq@aol.com
Topic: 10755  Message: 11787

Hi All,

Get the service Manual for the ft 100 it has alot of info.

73's de paul

# 11788. Power supply connector.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 02:40:03 UTC
From: kf7qz
Topic: 11788  Message: 11788

Hello All Me again,
I was just looking at all the info, did a search of the newsgroup, but cannot find the connector for power and what type. Im currently using a Kenwood PS30 on my IC 735 (6 pin power) and thats what I have in my truck.

Is the 100D the same ?

Rick KF7QZ

# 11789. Re: [FT100] Digest Number 1075

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 07:54:30 UTC
From: Dan K Nelson
Topic: 11789  Message: 11789

I tune my ATAS while driving, have been doing it for over two years with no problems. As far as that goes, I have never had any problems with my FT-100 or the ATAS. The rig works perfectly and the ATAS tunes 40-6 dead flat -including WARC- with no problem...

73 de W6DKN
Message: 1
Date: Thu, 24 Jan 2002 10:37:17 -0800
From: lhlousek <lhlousek@...>
Subject: ATAS first impressions

I couldn't wait so I rigged up my ATAS with some counterpoises, a choke balun on the feedline, and tried it out. It works properly as far as I can tell (runs up and down, finds a tune and doesn't overshoot). I tried manual tuning too. It couldn't find a tune on all bands but that's not too surprising considering my counterpoise set up. Heard pleanty of sigs a IDed after the tune but did not attempt any QSOs with the antenna sitting in my shack. FB so far.

I haven't measured it but according to the display on the rig the power is reduced to something under 10W while tuning.

I noted the admonition in the ATAS instruction sheet to not attempt tuning while driving. Is this a real limitation of the antenna or just the typical CYA boilerplate absolving Yaesu of liability should you crash while dorking with the antenna?

Lou W7DZN

[Non-text portions of this message have been removed]

# 11790. Re: [FT100] Power supply connector.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 06:15:42 UTC
From: Glen Farough
Topic: 11788  Message: 11790

Hello...Here is the FT-100 Power connector
http://www.powerwerx.com/oem.html
73 de Glen VE7LGF
--- kf7qz <kf7qz@...> wrote:
> Hello All Me again,
> I was just looking at all the info, did a search of
> the newsgroup,
> but cannot find the connector for power and what
> type. Im currently
> using a Kenwood PS30 on my IC 735 (6 pin power) and
> thats what I have
> in my truck.
>
> Is the 100D the same ?
>
> Rick KF7QZ
>
>
>
>

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# 11791. Re: ATAS first impressions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 14:04:42 UTC
From: Bob Evans
Topic: 11782  Message: 11791

Lou,

I have found the the admonition is mainly a CYA statement. I tune mine regularly at speeds of 70-80 mph. Only 15 meters has occassional problems tuning at high speeds, all others are nailed perfectly. I think you'll be absolutely amazed at the performance of this little antenna. I have consistantly beaten Hamsticks, Outbackers on 20M-10M and even tied a 16' tall, truck mounted, Texas Bugcatcher with a top hat on 40M SSB. It seems to be quieter than other antennas, for some reason and I can hear great. My most exciting QSOs were working Russians on 40CW during the CQWW DX contest, all while driving, of course. You just don't expect that little antenna and 100W to perform that well. I've had it for 18 months and still amazed every day with it.

Bob K5WA/m

>>>>>>Message: 1
Date: Thu, 24 Jan 2002 10:37:17 -0800
From: lhlousek <lhlousek@...>
Subject: ATAS first impressions

I couldn't wait so I rigged up my ATAS with some counterpoises, a choke balun on
the feedline, and tried it out. It works properly as far as I can tell (runs up
and down, finds a tune and doesn't overshoot). I tried manual tuning too. It
couldn't find a tune on all bands but that's not too surprising considering my
counterpoise set up. Heard pleanty of sigs a IDed after the tune but did not
attempt any QSOs with the antenna sitting in my shack. FB so far.

I haven't measured it but according to the display on the rig the power is reduced to something under 10W while tuning.

I noted the admonition in the ATAS instruction sheet to not attempt tuning while
driving. Is this a real limitation of the antenna or just the typical CYA boilerplate absolving Yaesu of liability should you crash while dorking with the
antenna?

Lou W7DZN

>>>>>>>>>>>>>>>>

# 11792. Re: [FT100] Power supply connector.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 13:20:18 UTC
From: Ricky Scott
Topic: 11788  Message: 11792

Rats, Its different :(

Thanks Glen

Rick KF7QZ

_____
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# 11793. FT100 w/ATAS100 Reduced

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 17:49:45 UTC
From: wolobmp
Topic: 11793  Message: 11793

For Sale: Yaesu FT100(not-"D"model) w/ATAS100 antenna. Radio is in mint condition and is about 1 yr old. Has had Yaesu mod's and updates.Antenna is about 6 months old and in mint conditon. Both items have there box's,manuals,cables,mic,etc. Had many interests, also a buyer but backed out. So to move these items quicker, I am reducing the package from $850 too $800 shipped.Will not seperate. Money order or bank check only please, no trades or COD's, sorry. Email wolobmp@... or leave voicemail message with questions at 330-796-8092. Thanks for reading. 73 Mike

# 11794. Re: [FT100] Power supply connector.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 07:19:30 UTC
From: Einar Carlsen
Topic: 11788  Message: 11794

Try www.powerwerx.com
They have the exact plug. I bought a couple from them last year.
Perfect match, all you have to do is add wire.
VE7BAQ
----- Original Message -----
From: kf7qz
To: FT100@yahoogroups.com
Sent: Thursday, January 24, 2002 18:40 PM
Subject: [FT100] Power supply connector.

Hello All Me again,
I was just looking at all the info, did a search of the newsgroup,
but cannot find the connector for power and what type. Im currently
using a Kenwood PS30 on my IC 735 (6 pin power) and thats what I have
in my truck.

Is the 100D the same ?

Rick KF7QZ

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[Non-text portions of this message have been removed]

# 11795. Re: [FT100] Power supply connector.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 07:16:42 UTC
From: Einar Carlsen
Topic: 11788  Message: 11795

Try Powerwerxs
www.powerwerx.com
They have them, I bought a set from them last year. They sell the connector itself, all you have to do is add your own wire. Fits perfect.
VE7BAQ
----- Original Message -----
From: kf7qz
To: FT100@yahoogroups.com
Sent: Thursday, January 24, 2002 18:40 PM
Subject: [FT100] Power supply connector.

Hello All Me again,
I was just looking at all the info, did a search of the newsgroup,
but cannot find the connector for power and what type. Im currently
using a Kenwood PS30 on my IC 735 (6 pin power) and thats what I have
in my truck.

Is the 100D the same ?

Rick KF7QZ

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[Non-text portions of this message have been removed]

# 11796. Re: [FT100] Re: ATAS first impressions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 17:28:38 UTC
From: John Spiceman
Topic: 11782  Message: 11796

Just one more accolade for the ATAS100.

Just late yesterday afternoon, I talked to Vlad, UA0FAU, for about half an hour. 5-9 signal report as I was traveling to an appointment on I-405 near Seattle. The chap he was talking to prior to me was also in his car and traveling around Seattle. He got a 5-6/5-7 and was using a ... I dare say IC706 and a screwdriver ant.

I get consistantly good reports, on AM as well. So far its a great antenna and performs beyond my expectations with only an MFJ mag mount on the back trunk lid.

I tend to work the higher bands in the car since they are "open" during the day, which is when I'm in the car.

John - WB0RLD

--- Bob Evans <bevans@...> wrote:
> Lou,
>
> I have found the the admonition is mainly a CYA
> statement. I tune mine
> regularly at speeds of 70-80 mph. Only 15 meters
> has occassional problems
> tuning at high speeds, all others are nailed
> perfectly. I think you'll be
> absolutely amazed at the performance of this little
> antenna. I have
> consistantly beaten Hamsticks, Outbackers on 20M-10M
> and even tied a 16'
> tall, truck mounted, Texas Bugcatcher with a top hat
> on 40M SSB. It seems
> to be quieter than other antennas, for some reason
> and I can hear great. My
> most exciting QSOs were working Russians on 40CW
> during the CQWW DX contest,
> all while driving, of course. You just don't expect
> that little antenna and
> 100W to perform that well. I've had it for 18
> months and still amazed every
> day with it.
>

> Bob K5WA/m
>
> >>>>>>Message: 1
> Date: Thu, 24 Jan 2002 10:37:17 -0800
> From: lhlousek <lhlousek@...>
> Subject: ATAS first impressions
>
> I couldn't wait so I rigged up my ATAS with some
> counterpoises, a choke
> balun on
> the feedline, and tried it out. It works properly
> as far as I can tell
> (runs up
> and down, finds a tune and doesn't overshoot). I
> tried manual tuning too.
> It
> couldn't find a tune on all bands but that's not too
> surprising considering
> my
> counterpoise set up. Heard pleanty of sigs a IDed
> after the tune but did
> not
> attempt any QSOs with the antenna sitting in my
> shack. FB so far.
>
> I haven't measured it but according to the display
> on the rig the power is
> reduced to something under 10W while tuning.
>
> I noted the admonition in the ATAS instruction sheet
> to not attempt tuning
> while
> driving. Is this a real limitation of the antenna
> or just the typical CYA
> boilerplate absolving Yaesu of liability should you
> crash while dorking with
> the
> antenna?
>
> Lou W7DZN
>
> >>>>>>>>>>>>>>>>
>
>

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# 11797. Outbacker Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 16:55:35 UTC
From: Page Pyne WA3EOP
Topic: 11797  Message: 11797

I saw in yesterday's mail an ad for an Outbacker Perth Plus.

The price is good if that is what you want.

I have tried several antenna systems with my Ford Festiva Pocket Rocket Mobile including the Perth Plus and here are my brief observations:

Hustler Tri-Band Mobile on 20, 40 and 75. - Works good on 20 and fair on 40, so so on 75. Antenna requires a Husky Mount - Forget the Three Magnet Mount, it isn't up to the task.

Ham Sticks for various bands. These work to a fashion and don't require a husky mount. It will get you by if you want to operate one band primarily or want to start out Low Budget.

Outbacker Perth Plus. Small convenient mounting at only 6' length. Works great on 20, 17, 15, 12 and 10. Didn't try it on 6 or 2 meters. Does work on 40 somewhat and 75 is somewhat hopeful thinking.

Outbacker Outrunner - this is the 9' model and so far I like it. Best of the Bunch by far on 75 and 40 meters. Have worked coast to coast on 40 several times, coast to coast on 75 very occasionally and into Midwest on 75 from the east regularly. 20 and 17 are good, in fact 17 is surprisingly good. 15 and 10 work ok too.

All antennas were side mounted to a ball mount about 1 3/4' off the ground.

Maybe that will help anyone considering these antennas. Bear in mind the Ford Festiva is a Mini-car and doesn't offer a lot of surface metal as a counterpoise on the low frequency H.F. Bands. The Outrunner allegedly does 160 but I haven't tried that... yet.

Page WA3EOP

[Non-text portions of this message have been removed]

# 11798. ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 16:42:09 UTC
From: lhlousek
Topic: 11798  Message: 11798

Is there a way to manually adjust the ATAS without transmitting? I tried a number of things and it doesn't seem to be possible. I want to be able to do to peak up on a received signals or noise either inside or outside of the amateur bands. Outside the amateur bands it won't move at all (I have not enabled general coverage transmit).

Lou W7DZN

# 11799. FT100 power connectors

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 17:42:13 UTC
From: wd4lam@bellsouth.net
Topic: 11799  Message: 11799

You can get FT 100 power connectors here:

http://www.powerwerx.com/

73
Danny, WD4LAM

# 11800. Re: ATAS first impressions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 21:35:07 UTC
From: backhoefade
Topic: 11782  Message: 11800

What mount do you use? I'm hoping I can use a trunk lip mount type
such as the K-400C (think that's what it's called) on my Prelude.

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Just one more accolade for the ATAS100.
>
> Just late yesterday afternoon, I talked to Vlad,
> UA0FAU, for about half an hour. 5-9 signal report as I
> was traveling to an appointment on I-405 near Seattle.
> The chap he was talking to prior to me was also in his
> car and traveling around Seattle. He got a 5-6/5-7 and
> was using a ... I dare say IC706 and a screwdriver
> ant.
>
> I get consistantly good reports, on AM as well. So far
> its a great antenna and performs beyond my
> expectations with only an MFJ mag mount on the back
> trunk lid.
>
> I tend to work the higher bands in the car since they
> are "open" during the day, which is when I'm in the
> car.
>
> John - WB0RLD
>
> --- Bob Evans <bevans@h...> wrote:
> > Lou,
> >
> > I have found the the admonition is mainly a CYA
> > statement. I tune mine
> > regularly at speeds of 70-80 mph. Only 15 meters
> > has occassional problems
> > tuning at high speeds, all others are nailed
> > perfectly. I think you'll be
> > absolutely amazed at the performance of this little
> > antenna. I have
> > consistantly beaten Hamsticks, Outbackers on 20M-10M
> > and even tied a 16'
> > tall, truck mounted, Texas Bugcatcher with a top hat
> > on 40M SSB. It seems
> > to be quieter than other antennas, for some reason
> > and I can hear great. My
> > most exciting QSOs were working Russians on 40CW
> > during the CQWW DX contest,
> > all while driving, of course. You just don't expect

> > that little antenna and
> > 100W to perform that well. I've had it for 18
> > months and still amazed every
> > day with it.
> >
> > Bob K5WA/m
> >
> > >>>>>>Message: 1
> > Date: Thu, 24 Jan 2002 10:37:17 -0800
> > From: lhlousek <lhlousek@n...>
> > Subject: ATAS first impressions
> >
> > I couldn't wait so I rigged up my ATAS with some
> > counterpoises, a choke
> > balun on
> > the feedline, and tried it out. It works properly
> > as far as I can tell
> > (runs up
> > and down, finds a tune and doesn't overshoot). I
> > tried manual tuning too.
> > It
> > couldn't find a tune on all bands but that's not too
> > surprising considering
> > my
> > counterpoise set up. Heard pleanty of sigs a IDed
> > after the tune but did
> > not
> > attempt any QSOs with the antenna sitting in my
> > shack. FB so far.
> >
> > I haven't measured it but according to the display
> > on the rig the power is
> > reduced to something under 10W while tuning.
> >
> > I noted the admonition in the ATAS instruction sheet
> > to not attempt tuning
> > while
> > driving. Is this a real limitation of the antenna
> > or just the typical CYA
> > boilerplate absolving Yaesu of liability should you
> > crash while dorking with
> > the
> > antenna?
> >
> > Lou W7DZN
> >
> > >>>>>>>>>>>>>>>>>
> >
> >
>

>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11801. Re: New FT100D and ATAS100/ mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-25 20:40:33 UTC
From: morganquityesterday
Topic: 11754  Message: 11801

--- In FT100@y..., "Pres Waterman" <presw@1...> wrote:
>
> Thank God it's not 20 years ago. I really hated the "Oh, CB
radio...!"
> thing.
>

Amen, to that!!!

Turner WA4MQY

# 11802. Re: [FT100] ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 00:37:36 UTC
From: Pres Waterman
Topic: 11798  Message: 11802

> Is there a way to manually adjust the ATAS without transmitting? I tried
a
> number of things and it doesn't seem to be possible. I want to be able to
do to
> peak up on a received signals or noise either inside or outside of the
amateur
> bands. Outside the amateur bands it won't move at all (I have not enabled
> general coverage transmit).

The only way to do this, without enabling emergency-mode general TX, is to interpolate where you want to be. For example, if you want to monitor Air Force Net on 11.175USB ( interesting ) and have the length optimized, go to a valid 30m freq. auto-tune normally, and press PTT and the front-panel DN button, and then watch the antenna retract to approximately where you guess it should be between 30 and 20m.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11803. Re: [FT100] Re: ATAS first impressions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 00:29:03 UTC
From: Pres Waterman
Topic: 11782  Message: 11803

Nooooooooooooooooo! You people who like your FT-100s and ATAS-100s are WRONG! WRONG, I tell ya!

Can't be!

Oh, my, the masses having a good time with their radios are beginning to unite!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11804. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 02:32:16 UTC
From: birddog73162
Topic: 11804  Message: 11804

I received my FT-100D today from the Yaesu people after they repaired (under warranty) the standard SWR, heating and garbled RX audio problems. Turn around time in total was 5 weeks. The invoice returned with the unit had a "declared value" of $1,699.00. I assume this was their internal cost for repair. A person could buy two new FT-100's for that sum.

In addition to the standard mods discussed in this group, they also replaced two rotary encoders, an IC, did "AM REPAIRS" and a total realignment. I just got through trying to test the unit and it will intermittently transmits every 2 seconds, by itself, with the microphone attached. This problem ceases when the mic is detached. The mic worked fine at the time I sent the unit to Cerritos.

I can't imagine what I might be doing wrong and must assume the Yaesu let this out of their shop without a thorough test. I have listened for the most part to the comments in this group and have been amazed at the Yaesu group giving the ham community the quality of product and service I have heard about and am now experiencing. I don't want to rush to judgement on Yaesu products, but so far the "sailing" had been through rough seas.

I am going to try a substitute mic tomorrow and see if that makes a difference. Other than that, I am at a loss for ideas. Anyone out there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ

# 11805. am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 02:57:58 UTC
From: donkn5i
Topic: 11805  Message: 11805

Just bought the Ft-100D and have had bad reports on AM audio. The previous messages on am settings are no longer there. Can any one help. I do not want to buy the $70.00 filter. I only talk on 75 meter am ocasionally.

# 11806. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 04:01:08 UTC
From: Pres Waterman
Topic: 5045  Message: 11806

> realignment. I just got through trying to test the unit and it will
> intermittently transmits every 2 seconds, by itself, with the
> microphone attached. This problem ceases when the mic is detached.
> The mic worked fine at the time I sent the unit to Cerritos.
>
> I can't imagine what I might be doing wrong and must assume the Yaesu
> let this out of their shop without a thorough test. I have listened
> for the most part to the comments in this group and have been amazed
> at the Yaesu group giving the ham community the quality of product
> and service I have heard about and am now experiencing. I don't want
> to rush to judgement on Yaesu products, but so far the "sailing" had
> been through rough seas.
>
> I am going to try a substitute mic tomorrow and see if that makes a
> difference. Other than that, I am at a loss for ideas. Anyone out
> there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ

Uh, is VOX set on?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11807. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 08:45:08 UTC
From: vk2new
Topic: 11805  Message: 11807

Go to the file section and check out Lee's excellent FAQ. You will
have almost all your queries and questions answerd.
Anthony vk2new, w7/vk2new from the 4th February :)

--- In FT100@y..., "donkn5i" <donkn5i@a...> wrote:
> Just bought the Ft-100D and have had bad reports on AM audio. The
> previous messages on am settings are no longer there. Can any one
> help. I do not want to buy the $70.00 filter. I only talk on 75
meter
> am ocasionally.

# 11808. RE: [FT100] am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 12:55:13 UTC
From: Gary Mitchelson
Topic: 11805  Message: 11808

You have to get the filter, no way around it to get something resembling AM.

-----Original Message-----
From: donkn5i [mailto:donkn5i@...]
Sent: Saturday, January 26, 2002 02:58
To: FT100@yahoogroups.com
Subject: [FT100] am transmit

Just bought the Ft-100D and have had bad reports on AM audio. The previous messages on am settings are no longer there. Can any one help. I do not want to buy the $70.00 filter. I only talk on 75 meter am ocasionally.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11809. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 13:03:09 UTC
From: John Hirth
Topic: 5045  Message: 11809

"Declared Value" is what they state as the value of the item to the shipper for insurance purposes. "AM Repair" (I'm quite certain) refers to Amateur Repair (as opposed to Commercial Land Mobile?). I've interpreted this to be their labor cost at the "Amateur Repair" rate. Any better information out here?

John W2KI
======

birddog73162 wrote:
>
> I received my FT-100D today from the Yaesu people after they repaired
> (under warranty) the standard SWR, heating and garbled RX audio
> problems. Turn around time in total was 5 weeks. The invoice returned
> with the unit had a "declared value" of $1,699.00. I assume this was
> their internal cost for repair. A person could buy two new FT-100's
> for that sum.
>
> In addition to the standard mods discussed in this group, they also
> replaced two rotary encoders, an IC, did "AM REPAIRS" and a total
> realignment.
> [snip]

# 11810. ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 13:18:12 UTC
From: Eric van de Weyer
Topic: 555  Message: 11810

Hi everyone,

I've been hearing a lot about the ATAS-100 antenna.

Can someone enlighten me as to whether it is available in VK and if so,
about how much.

I have had a look at the DSE online catalogue but couldn't find it in there.

73....Eric VK2KUR.

# 11811. Forsale or Trade FT100 system!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 04:30:26 UTC
From: n2len
Topic: 11811  Message: 11811

Hello All

FT100
ATAS100
Comet C706 duplexer
Diamond K400 trunk mount
2 separation kits
boxes paperwork etc...

Any reasonable cash offer excepted ot trade...

H.F. Base or .....

Thank you

# 11812. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 07:20:17 UTC
From: n9cv
Topic: 11805  Message: 11812

Every post that I have seen here says install the filter first, then try the recommended settings if you are not completely happy. I understand the AM filter is a prerequisite to AM operation
I do not personally have experience in this area as I have always had the AM filter and also I rarely even try AM.

Ken - N9CV

--- In FT100@y..., "donkn5i" <donkn5i@a...> wrote:
> Just bought the Ft-100D and have had bad reports on AM audio. The
> previous messages on am settings are no longer there. Can any one
> help. I do not want to buy the $70.00 filter. I only talk on 75 meter
> am ocasionally.

# 11813. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 07:26:25 UTC
From: n9cv
Topic: 11804  Message: 11813

The $1699 was probably their list price for a new radio for insurance purposes. Yes, you could buy two new ones for that price, but you would still have to send them in and wait another 5 weeks for each radio.

Have you checked to see if the VOX is on for your microphone problem?

Ken - N9CV
.,
--- In FT100@y..., "birddog73162" <byrddawg@s...> wrote:
>
> I received my FT-100D today from the Yaesu people after they repaired
> (under warranty) the standard SWR, heating and garbled RX audio
> problems. Turn around time in total was 5 weeks. The invoice returned
> with the unit had a "declared value" of $1,699.00. I assume this was
> their internal cost for repair. A person could buy two new FT-100's
> for that sum.
>
> In addition to the standard mods discussed in this group, they also
> replaced two rotary encoders, an IC, did "AM REPAIRS" and a total
> realignment. I just got through trying to test the unit and it will
> intermittently transmits every 2 seconds, by itself, with the
> microphone attached. This problem ceases when the mic is detached.
> The mic worked fine at the time I sent the unit to Cerritos.
>
> I can't imagine what I might be doing wrong and must assume the Yaesu
> let this out of their shop without a thorough test. I have listened
> for the most part to the comments in this group and have been amazed
> at the Yaesu group giving the ham community the quality of product
> and service I have heard about and am now experiencing. I don't want
> to rush to judgement on Yaesu products, but so far the "sailing" had
> been through rough seas.
>
> I am going to try a substitute mic tomorrow and see if that makes a
> difference. Other than that, I am at a loss for ideas. Anyone out
> there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ

# 11814. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 12:34:51 UTC
From: byrddawg
Topic: 5045  Message: 11814

Uh, no...It is one of the first things I checked.....Thanks, Paul

Pres Waterman wrote:

> > realignment. I just got through trying to test the unit and it will
>
> > intermittently transmits every 2 seconds, by itself, with the
> > microphone attached. This problem ceases when the mic is detached.
> > The mic worked fine at the time I sent the unit to Cerritos.
> >
> > I can't imagine what I might be doing wrong and must assume the
> Yaesu
> > let this out of their shop without a thorough test. I have listened
> > for the most part to the comments in this group and have been amazed
>
> > at the Yaesu group giving the ham community the quality of product
> > and service I have heard about and am now experiencing. I don't want
>
> > to rush to judgement on Yaesu products, but so far the "sailing" had
>
> > been through rough seas.
> >
> > I am going to try a substitute mic tomorrow and see if that makes a
> > difference. Other than that, I am at a loss for ideas. Anyone out
> > there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ
>
>
> Uh, is VOX set on?
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
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> List owner: FT100-owner@yahoogroups.com

> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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[Non-text portions of this message have been removed]

# 11815. HF Audio problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 12:32:00 UTC
From: wb4tdb@aol.com
Topic: 11815  Message: 11815

I have very very low receive signal. I can hear back ground noise. I have tried
various antenna with no change. I have done the reset procedures. I still get
full power out on transmit. VHF and UHF work fine.

When I power up there is an icon in the upper left part of the display just above
VFO it show a two plugs going together with the "ON" just below. This Icon is
on only for less than a second.

Any help appreciated.

Vollie
W4TDB

[Non-text portions of this message have been removed]

# 11816. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 13:54:47 UTC
From: byrddawg
Topic: 5045  Message: 11816

Yes, I checked the VOX and it is off. I have just now tried a different mic and everything works perfectly. Thanks everyone for your ideas.....Paul, KD5KCZ

n9cv wrote:

>
> Have you checked to see if the VOX is on for your microphone problem?
>
> Ken - N9CV
>
>
>
>
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>
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>
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[Non-text portions of this message have been removed]

# 11817. RE: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 13:30:34 UTC
From: Eric van de Weyer
Topic: 5045  Message: 11817

What about the ART mode? could it be that. It is on menu 3, button C. Just a thought. 73....Eric VK2KUR
-----Original Message-----
From: byrddawg [mailto:byrddawg@...]
Sent: Saturday, 26 January 2002 23:35
To: FT100@yahoogroups.com
Subject: Re: [FT100] (unknown)

Uh, no...It is one of the first things I checked.....Thanks, Paul

Pres Waterman wrote:

> > realignment. I just got through trying to test the unit and it will
>
> > intermittently transmits every 2 seconds, by itself, with the
> > microphone attached. This problem ceases when the mic is detached.
> > The mic worked fine at the time I sent the unit to Cerritos.
> >
> > I can't imagine what I might be doing wrong and must assume the
> Yaesu
> > let this out of their shop without a thorough test. I have listened
> > for the most part to the comments in this group and have been amazed
>
> > at the Yaesu group giving the ham community the quality of product
> > and service I have heard about and am now experiencing. I don't want
>
> > to rush to judgement on Yaesu products, but so far the "sailing" had
>
> > been through rough seas.
> >
> > I am going to try a substitute mic tomorrow and see if that makes a
> > difference. Other than that, I am at a loss for ideas. Anyone out
> > there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ
>
>
> Uh, is VOX set on?
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
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>
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[Non-text portions of this message have been removed]

# 11818. RE: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 14:47:59 UTC
From: Tom Tishken KD4WOV
Topic: 11805  Message: 11818

The AM filter is needed because with out the am filter, the AM mode uses the SSB filter which is 2.4 KHz and less than half of the band width of the 6 KHz AM filter. This is why the audio is poor. Effectively your audio is limited to 1.2 KHz as compared to 3 KHz audio of a Normal Am signal. You can get away with 4 KHz AM filter but it still limits your audio. Remember AM uses double SSB with a carrier inserted (I know, but it is a very simplified example), therefore to get the same audio quality you need twice the bandwidth.

Hope that helps

-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Saturday, January 26, 2002 2:20 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: am transmit

Every post that I have seen here says install the filter first, then try the recommended settings if you are not completely happy. I understand the AM filter is a prerequisite to AM operation
I do not personally have experience in this area as I have always had the AM filter and also I rarely even try AM.

Ken - N9CV

--- In FT100@y..., "donkn5i" <donkn5i@a...> wrote:
> Just bought the Ft-100D and have had bad reports on AM audio. The
> previous messages on am settings are no longer there. Can any one
> help. I do not want to buy the $70.00 filter. I only talk on 75
meter
> am ocasionally.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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# 11819. Re: [FT100] ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 15:10:42 UTC
From: lhlousek
Topic: 11798  Message: 11819

Thanks for confirming my suspicions.

If the antenna could be moved without transmitting it would be possible to tune up on noise or sigs when listening out side of ham bands or get close to a tune prior to transmitting when tuning in the ham bands. The way it is now there is no real way to tune the antenna outside the ham bands and you have to create QRM the entire time the antenna is moving from one end of its range to the other when in the ham bands. (Don't forget to ID after you tune!) I can't think of a reason why they don't let you move the antenna without transmitting and don't see how it would have cost them anything to permit it. Just another boneheaded Yaesu "feature" I guess.

Lou W7DZN

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Friday, January 25, 2002 4:37 PM
Subject: Re: [FT100] ATAS manual tune W/O TX???

>
> The only way to do this, without enabling emergency-mode general TX, is to
> interpolate where you want to be. For example, if you want to monitor Air
> Force Net on 11.175USB ( interesting ) and have the length optimized, go to
> a valid 30m freq. auto-tune normally, and press PTT and the front-panel DN
> button, and then watch the antenna retract to approximately where you guess
> it should be between 30 and 20m.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>

# 11820. Re: [FT100] ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 17:34:32 UTC
From: Lee Devlin
Topic: 11798  Message: 11820

--- lhlousek <lhlousek@...> wrote:
> I can't think of a
> reason why they don't let you move the antenna
> without transmitting and don't
> see how it would have cost them anything to permit
> it. Just another boneheaded
> Yaesu "feature" I guess.
>
> Lou W7DZN

The DC motor voltage and antenna signals are carried on the same conductors. If you were running a DC motor at the same time you were receiving a weak RF signal on the same conductors, it's unlikely you'd hear anything other than motor brush noise while moving the antenna. So the original need, i.e., being able to peak on a received signal, would be difficult with the ATAS or any screwdriver antenna for that matter.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://auctions.yahoo.com

# 11821. CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 17:36:25 UTC
From: David D. Crockett
Topic: 11821  Message: 11821

I am looking for a source of recommended CAT software for the FT100. Any suggestions?

73,

Dave, WA9ZCE
(email: wa9zce@...)

# 11822. Re: [FT100] ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 17:53:14 UTC
From: lhlousek
Topic: 11798  Message: 11822

>If you were running a DC
>motor at the same time you were receiving a weak RF
>signal on the same conductors, it's unlikely you'd
>hear anything other than motor brush noise while
>moving the antenna.

Good point but not true in this case. I know guys who are using the ATAS100 with IC706s and the aftermarket control box and they can easily tune the antenna on received noise. The standard drill is to change bands with the radio, peak up received noise with the antenna to get close, and then do a final tweak to the tuning while transmitting.

Even if it were true, there is still benefit to being able to move the antenna without transmitting.

Lou W7DZN

# 11823. IF shift vs Clarifier

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 17:01:07 UTC
From: lhlousek
Topic: 11823  Message: 11823

Trying to use both the Clar and IF Shift I see that I can tap the Clar button and adj the Clar, then press the button (>1/2 sec) and adj the Shift and Clar will maintain its setting. However, according to the manual (page 42) I should now be able to press (1/2 sec) the button and go back to Clar with Shift maintaining its setting. This doesn't happen. Shift is reset to zero. So, the only way to have both Clar and Shift engaged is to first set Clar and then Shift. If you want to tweak the Clar you will lose your shift and have to redo it.

This seems to be a case where they had the right idea (according to the manual) but the screwed up the implementation.

Lou W7DZN

# 11824. Re: [FT100] HF Audio problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 02:24:36 UTC
From: John Spiceman
Topic: 11815  Message: 11824

Have you done any changing of the "F Menu" settings?

I changed a bunch of mine to closer match the Yaesu Global settings. After a few days I sensed that the receiver audio, especially on AM, was weaker and a lot more distorted than I thought it had originally been. The receiver just wasn't as "hot" as it had been. Luckily I had copied down all of the original settings before I got my mitts in there.

Changing all values back to the original settings cleared everything up. The receiver again had that little extra...

FWIW

Joh - WB0RLD

--- wb4tdb@... wrote:
> I have very very low receive signal. I can hear
> back ground noise. I have
> tried
> various antenna with no change. I have done the
> reset procedures. I still
> get
> full power out on transmit. VHF and UHF work fine.
>
> When I power up there is an icon in the upper left
> part of the display just
> above
> VFO it show a two plugs going together with the "ON"
> just below. This Icon
> is
> on only for less than a second.
>
> Any help appreciated.
>
> Vollie
> W4TDB
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

---
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# 11825. Re: [FT100] Forsale or Trade FT100 system!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 02:29:32 UTC
From: John Spiceman
Topic: 11811  Message: 11825

Would you sell one of the separation kits, I dare say,
separately?

John - WB0RLD

--- n2len <N2LEN@...> wrote:
> Hello All
>
> FT100
> ATAS100
> Comet C706 duplexer
> Diamond K400 trunk mount
> 2 separation kits
> boxes paperwork etc...
>
> Any reasonable cash offer excepted ot trade...
>
> H.F. Base or .....
>
> Thank you
>
>
>

_____
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# 11826. Re: [FT100] ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 02:14:07 UTC
From: John Spiceman
Topic: 555  Message: 11826

Try either Amateur Electronics Supply or Ham Radio
Outlet for starters.

John - WB0RLD

--- Eric van de Weyer <evdw@...> wrote:
> Hi everyone,
>
> I've been hearing a lot about the ATAS-100 antenna.
>
> Can someone enlighten me as to whether it is
> available in VK and if so,
> about how much.
>
> I have had a look at the DSE online catalogue but
> couldn't find it in there.
>
> 73....Eric VK2KUR.
>
>
>

---------------------------------------------------
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# 11827. Re: [FT100] HF Audio problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 02:16:10 UTC
From: John Spiceman
Topic: 11815  Message: 11827

The "two plugs" is normal.

John - WB0RLD

--- wb4tdb@... wrote:
> I have very very low receive signal. I can hear
> back ground noise. I have
> tried
> various antenna with no change. I have done the
> reset procedures. I still
> get
> full power out on transmit. VHF and UHF work fine.
>
> When I power up there is an icon in the upper left
> part of the display just
> above
> VFO it show a two plugs going together with the "ON"
> just below. This Icon
> is
> on only for less than a second.
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>
> Vollie
> W4TDB
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 11828. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 05:29:59 UTC
From: backhoefade
Topic: 11805  Message: 11828

Go to my post at 10672 for AM information.
Chas N6AF

--- In FT100@y..., "donkn5i" <donkn5i@a...> wrote:
> Just bought the Ft-100D and have had bad reports on AM audio. The
> previous messages on am settings are no longer there. Can any one
> help. I do not want to buy the $70.00 filter. I only talk on 75
meter
> am ocasionally.

# 11829. Re: [FT100] ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 11:02:50 UTC
From: The Simpsons
Topic: 555  Message: 11829

Hi Eric, I suggest you telephone DSE and ask as it appears from what other VK's have said that DSE often have parts available that aren't in their on-line catalogue. The ATAS-100 is available here in ZL through the Yaesu agent, so I would be surprised if DSE don't have it available.

It's unfortunate that we don't have any local ham radio stores as they do in the USA though as it does make it harder to obtain these goodies. No AES or HRO or anything like them here in ZL. I think my closest ham radio store would be in Auckland. This is a 10 hour drive plus a 3 hour ferry across the Cook Strait separating the South Island from the North Island!!

Grant, ZL2BK.

----- Original Message -----
From: "John Spiceman" <jrmorris28@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, January 27, 2002 3:14 PM
Subject: Re: [FT100] ATAS-100

> Try either Amateur Electronics Supply or Ham Radio
> Outlet for starters.
>
> John - WB0RLD
>
> --- Eric van de Weyer <evdw@...> wrote:
> > Hi everyone,
> >
> > I've been hearing a lot about the ATAS-100 antenna.
> >
> > Can someone enlighten me as to whether it is
> > available in VK and if so,
> > about how much.
> >
> > I have had a look at the DSE online catalogue but
> > couldn't find it in there.
> >
> > 73....Eric VK2KUR.

# 11830. Re: [FT100] am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 04:24:55 UTC
From: Bob Cheek
Topic: 11805  Message: 11830

Addition of the AM filter only affects the receiver, not the transmitted signal. The 2.4 SSB filter is a little too narrow for AM operation. You can set the filter to 6Khz on the menu and without a filter in the rig it will open it up to about 20-25 Khz bandwidth, whatever the IF stages are, and that is actually too wide for good operation on AM.

The bad audio reports are probably related to the carrier level settings and audio level settings not being set correctly. The factory defaults were not workable for my FT-100. I recall that I had to set the carrier level and the audio levels down. I used a scope to set the modulation envelope, but a close by station and some experimenting you can get them set. I would give you mine but the rig is in service department in California.....

DE WB4EJE

--- donkn5i <donkn5i@...> wrote:
> Just bought the Ft-100D and have had bad reports on
> AM audio. The
> previous messages on am settings are no longer
> there. Can any one
> help. I do not want to buy the $70.00 filter. I only
> talk on 75 meter
> am ocasionally.
>
>
>

_____
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# 11831. Re: [FT100] ATAS manual tune W/O TX???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 04:33:34 UTC
From: robert blumenkranz
Topic: 11798  Message: 11831

The ATAS will move under control of the radio with the receiver ON so that you can hear the changes in the noise floor under certain conditions. For example when you first reset the radio and select the ATAS-2 after resetting the micro, it the antenna happens to be fully extended, the antenna will retract while the receiver is on. I have observed this. Under this condition the FT-100 is NOT sending any RF out so the the receiver is on during the motion. There is no way to stop the motion since this appears to be a reset timer command issued from the radio to make sure that the antenna is in the right position to begin using it. It should not be too dificult for Yaesu to make this type of movement available by allowing the antenna to move with no RF or without keying the PTT during manual operation. The only way I know of that you can do this on your own, is by applying the necessary UP/down voltages through an RF choke to the antenna while the receiver is active. As long as the radio is not sending DC at the same time this should work OK.
Thanks,
Bob Ni6r
--- lhlousek <lhlousek@...> wrote:
> >If you were running a DC
> >motor at the same time you were receiving a weak RF
> >signal on the same conductors, it's unlikely you'd
> >hear anything other than motor brush noise while
> >moving the antenna.
>
> Good point but not true in this case. I know guys
> who are using the ATAS100 with
> IC706s and the aftermarket control box and they can
> easily tune the antenna on
> received noise. The standard drill is to change
> bands with the radio, peak up
> received noise with the antenna to get close, and
> then do a final tweak to the
> tuning while transmitting.
>
> Even if it were true, there is still benefit to
> being able to move the antenna
> without transmitting.
>
> Lou W7DZN

>
>
>
>
>
>

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# 11832. Re: [FT100] CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 04:56:03 UTC
From: bob frick
Topic: 11821  Message: 11832

Dave,
WriteLog has software for controlling the FT-100. I dont
know of any others but it has prgrams for RTTY, PSK-31,
CW and sound board operations.
Bob 4K0RF
(N3NGC-ex-J28BM, ex-A92GD, ex-EL2RF)
----- Original Message -----
From: David D. Crockett
To: FT100@yahoogroups.com
Sent: Saturday, January 26, 2002 9:36 PM
Subject: [FT100] CAT Software

I am looking for a source of recommended CAT software for the FT100. Any
suggestions?

73,

Dave, WA9ZCE
(email: wa9zce@...)

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[Non-text portions of this message have been removed]

# 11833. RE: [FT100] ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 08:31:47 UTC
From: Eric van de Weyer
Topic: 555  Message: 11833

Thanks for the reply, John but I was looking for a possible supplier in
Australia (VK). 73....Eric VK2KUR.
-----Original Message-----
From: John Spiceman [mailto:jrmorris28@...]
Sent: Sunday, 27 January 2002 13:14
To: FT100@yahoogroups.com
Subject: Re: [FT100] ATAS-100

Try either Amateur Electronics Supply or Ham Radio
Outlet for starters.

John - WB0RLD

--- Eric van de Weyer <evdw@...> wrote:
> Hi everyone,
>
> I've been hearing a lot about the ATAS-100 antenna.
>
> Can someone enlighten me as to whether it is
> available in VK and if so,
> about how much.
>
> I have had a look at the DSE online catalogue but
> couldn't find it in there.
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> 73....Eric VK2KUR.
>
>
>

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[Non-text portions of this message have been removed]

# 11834. Re: [FT100] CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 14:43:38 UTC
From: Howard Cunningham
Topic: 11821  Message: 11834

LogWindows and most logging programs will congtrol most rigs.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> "bob frick" <bobndeb@...> 01/26/02 11:56PM >>>
Dave,
WriteLog has software for controlling the FT-100. I dont
know of any others but it has prgrams for RTTY, PSK-31,
CW and sound board operations.
Bob 4K0RF
(N3NGC-ex-J28BM, ex-A92GD, ex-EL2RF)
----- Original Message -----
From: David D. Crockett
To: FT100@yahoogroups.com
Sent: Saturday, January 26, 2002 9:36 PM
Subject: [FT100] CAT Software

I am looking for a source of recommended CAT software for the FT100. Any
suggestions?

73,

Dave, WA9ZCE
(email: wa9zce@...)

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# 11835. FT-100 w/atas100 REDUCED AGAIN

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 16:47:06 UTC
From: wolobmp
Topic: 11835  Message: 11835

For Sale: FT-100 w/ATAS100 Yeasu hf mobile with hf antenna. This is the non-d-model and has been too Yaesu for updates and any modifications. Had a buyer but backed out; so will REDUCE AGAIN too :$775 and I will ship! Comes with box,manual,mic,power cord, complete, in mint condition. Will not sperate and please no trades. Money order or cashiers check only, sorry no COD's. Email be at wolobmp@... or can give me a call daytime at 330-796-8092 and leave message.

# 11836. CW interface with WriteLog

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 14:45:51 UTC
From: bob frick
Topic: 11836  Message: 11836

For the group,
I have been using WriteLog software with my FT100 for
some time now. However, in the past I have always been
using my PK-232 for CW. Unfortunately, however, I did
not bring the PK-232 with me to Azerbijan so all I have is
my FT-100 and Laptop. I have my license to operate and
really want to get on the air in CW but am having probs building what should be a simple CW interface.

The diagram in WriteLog software has the following CW
keying schematic:
|
Pin 17 into 1K resistor then into a|/---------------- Stereo Key Jack
NPN2N2222 |\----
|
1-----------------------------------------|

18------------------------------------------------------ Stereo Key Jack

I was able to find the 2N2222
and the 1k resistor but I cannot get my rig to key.
So Ive a couple of questions:
On the 2N2222, which leg is the input, ground and output?
Ok the stereo key jack, do I use tip and ring, or tip and ground?

Again, all I am trying to do is key the rig via my computer and the WriteLog software.

Any simple, easy suggestions, answers, ideas would be greatly appreciated.
Keep them simple please, seems Ive destroyed a lot of brains cells lately.
73
Bob 4K0RF, N3NGC, ex-J28BM, A92GD and EL2RF

[Non-text portions of this message have been removed]

# 11837. FT-100 sofware control

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 02:34:23 UTC
From: ve7baq
Topic: 11837  Message: 11837

Someone was asking about computer control software available for the
FT-817 and the FT-100.
I saw such a program listed on www.w4rt.com
I have not tried it out but it looks interesting. Perhaps some one
has some experience with it and could comment.
VE7BAQ

# 11838. Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 06:10:19 UTC
From: n9cv
Topic: 555  Message: 11838

I spent about 1.5 hour last night trying to find who the Yaesu dealers are in both Australia and New Zealand. I found none. I had trouble with the Dick Smith (DSE) web site so DSE might me a dealer. I could not tell.

The Yeasu sites do not list any Australian dealers either. I checked the three Yaesu sites (US, UK, and Japan. They had no listings for Australia. If you move to South America I can give you dealers names, but not Australia.

I sent an email to all three Yaesu sites asking for Australian dealers. We'll see if any of them return my request. My track record with Yeasu (USA) returning emails has been 0%. Maybe my luck will be better and we will get an answer this time from one of the three sites.

Every Australian ham dealer I found on the web had Kenwood and Icom and some had Alinco, but no Yaesu.

Where did you buy the FT-100 you now have? Where do you send your Yeasu to for repair? Why can't you go to one of them for the ATAS-100?

A final thought, If you can not find the antenna you want in Australia, one of the ham dealers here would probably sell the item and export it. If not, then one of us can buy it and mail it to you. This might cause some difficulties for you in the future if you ever need reapirs. Also you may have to pay an Australian import duty if we mail it. They go for about $300 US new.

Good luck, Let us know if you find one or need more help. I will forward to you anything I receive from Yeasu.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Thanks for the reply, John but I was looking for a possible supplier in
> Australia (VK). 73....Eric VK2KUR.
> -----Original Message-----
> From: John Spiceman [mailto:jrmorris28@y...]
> Sent: Sunday, 27 January 2002 13:14
> To: FT100@y...
> Subject: Re: [FT100] ATAS-100
>
>
> Try either Amateur Electronics Supply or Ham Radio
> Outlet for starters.

>
> John - WB0RLD
>
> --- Eric van de Weyer <evdw@d...> wrote:
> > Hi everyone,
> >
> > I've been hearing a lot about the ATAS-100 antenna.
> >
> > Can someone enlighten me as to whether it is
> > available in VK and if so,
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> >
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> >
> > 73....Eric VK2KUR.
> >
> >
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> _____
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> Post message: FT100@y...
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> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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>
>
> [Non-text portions of this message have been removed]

# 11839. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-26 05:18:57 UTC
From: Jerry Irish
Topic: 5045  Message: 11839

Hey Paul, I recently experienced a similar problem with intermitten transmission. I ordered a new mike from HRO and continued to run the radio without the mike.(SWLer you know) then last week (HRO backordered my mike) I decided to check the old mike out again. Worked fine. The Yeasu gremlins fixed it on the fly I guess. I now have spare mike tho so I am ready if it happens again. I should mention, I carry my rig in an 18 wheeler so vibration and banging around are facts of life I have to deal with.

73s
jerry KB5VZC

I am going to try a substitute mic tomorrow and see if that makes a
difference. Other than that, I am at a loss for ideas. Anyone out
there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ

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[Non-text portions of this message have been removed]

# 11840. Re: [FT100] CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 19:52:07 UTC
From: A V Flinsch
Topic: 11821  Message: 11840

On Saturday 26 January 2002 12:36, you wrote:
> I am looking for a source of recommended CAT software for the FT100.
> Any suggestions?
>

Well, if you are a linux user, I am currently writing some software.
So far command line version works fairly well, and am working on a Kylix
front end for it.

If interested, give me a yell.

--
Alex
KC2IVL
Linux 2.4.17 #2 Fri Dec 28 22:30:02 EST 2001 i686
2:50pm up 2 days, 19:11, 2 users, load average: 1.01, 1.14, 1.10

# 11841. Home Built Screwdriver Antenna with FT100 Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-27 04:09:16 UTC
From: m0cke
Topic: 11841  Message: 11841

Hi all,

Interested in a screwdriver antenna which will act the same as a ATAS on HF but give you 80m (And top band with aditional coil). Then look at my home page, I have built my own Screwdriver for around £50 and then I added a circuit to allow the FT100 to tune the screwdriver on 10 - 40M and you can manually tune it for operation on 80m

http://www.j1mbo.f9.co.uk/m0cke.htm

I hope you find it of interest...the Antenna is about 3 years old and the FT100 & interface is 2 years old.

Regards,

Jim M0CKE

# 11842. RE: [FT100] Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 08:18:10 UTC
From: Eric van de Weyer
Topic: 555  Message: 11842

Hi Ken,

Thanks for the effort you put in.

The Australian dealer for Yaesu is Dick Smith Electronics and it is them where I purchased the FT-100D.

We have a major field day coming up in about 3 weeks time and I will approach them there as well as writing to them.

I did receive a reply from another VK who has already been down that path without success. they gave him some lame excuse about type approval which, I believe, does not apply to this case anyhow. You never know, maybe a bit of pushing will help. We can but try.

I have seen them advertised for around US$320 on a couple of US sites.

Problem is that they look perfect especially for a small car like I have. I do have an Outbacker at the moment but, of course, it has the disadvantage that you need to stop and swap the wander plug over when you want to change bands.

There is a local ham who manufactures a similar type of antenna but it doesn't have the interfacing to go with the FT-100, it is only manually controlled. I may end up hving to resort to that in the long run although it is a much bigger and heavier unit than the ATAS-100.

73....Eric VK2KUR.
-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Monday, 28 January 2002 17:10
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS-100

I spent about 1.5 hour last night trying to find who the Yaesu dealers are in both Australia and New Zealand. I found none. I had trouble with the Dick Smith (DSE) web site so DSE might me a dealer. I could not tell.

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three sites.

Every Australian ham dealer I found on the web had Kenwood and Icom
and some had Alinco, but no Yaesu.

Where did you buy the FT-100 you now have? Where do you send your
Yeasu to for repair? Why can't you go to one of them for the ATAS-100?

A final thought, If you can not find the antenna you want in
Australia, one of the ham dealers here would probably sell the item
and export it. If not, then one of us can buy it and mail it to
you. This might cause some difficulties for you in the future if you
ever need reapirs. Also you may have to pay an Australian import
duty if we mail it. They go for about $300 US new.

Good luck, Let us know if you find one or need more help. I will
forward to you anything I receive from Yeasu.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Thanks for the reply, John but I was looking for a possible
supplier in
> Australia (VK). 73....Eric VK2KUR.
> -----Original Message-----
> From: John Spiceman [mailto:jrmorris28@y...]
> Sent: Sunday, 27 January 2002 13:14
> To: FT100@y...
> Subject: Re: [FT100] ATAS-100
>
>
> Try either Amateur Electronics Supply or Ham Radio
> Outlet for starters.
>
> John - WB0RLD
>
> --- Eric van de Weyer <evdw@d...> wrote:
> > Hi everyone,
> >
> > I've been hearing a lot about the ATAS-100 antenna.
> >
> > Can someone enlighten me as to whether it is
> > available in VK and if so,
> > about how much.
> >
> > I have had a look at the DSE online catalogue but
> > couldn't find it in there.
> >
> > 73....Eric VK2KUR.
> >
> >
> >

>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com
>
>
> Yahoo! Groups Sponsor
>
>
> ~-------------------------------------------------------------------
----
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 11843. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 17:00:01 UTC
From: backhoefade
Topic: 11805  Message: 11843

This is incorrect. The 6 kHz filter is used in both the transmit and receive AM modes. If you operate AM without it installed the rig uses the 2.4 kHz "SSB" filter in transmit which explains why the audio passband sounds distorted (muffled sounding). Not only is the effective audio passband limited but, additionally, the carrier energy at center frequency is not allowed to pass without undo attenuation due to the position of the 2.4 kHz passband relative to the carrier and sideband postions. Without the 6 kHz filter installed you get, at best, an odd sort of 'single-sideband, partially suppressed carrier' "AM". The customer data sheet for the FT-100D is clearly misleading when it states "all mode transceiver" but does not go on to advise the buyer that they must buy the 6 kHz optional filter in order to operate AM. To properly operate AM transmit the output of the balanced modulator (deliberately unbalanced during AM operation) must pass through a bandpass filter which allows the carrier at center frequency and both lower and upper sidebands to pass. One "fidelity benefit" (if you're an AM afficionado) of AM operation is that the effective lower cutoff frequency of the audio passband in AM is 0 Hz, in terms of the filter response following the modulator function. Of course the lower frequency response is actually something higher than 0 Hz, as limited by the audio circuitry between the mic and the audio input port of the modulator (plus the mic response itself). But the interesting point is that the filter passband runs right down through 0 Hz since the filter encompasses both potential sidebands' content as well as the center carrier; unlike the case with SSB where the filter following the modulator rolls off below typically 350 Hz or so and above 2750 Hz or so. That's why AM sounds "fuller", mic and audio chain bandpass response notwithstanding. If you operate the FT-100D in AM mode without the 6 kHz filter installed, when receiving it will use the "FM" bandpass filter which is very wide. I don't recall how wide; something like 15 kHz or 25 kHz for 6 dB down (the spec' is in the operating manual). You can hear how wide it is. The transmit architecture NEVER passes the transmit IF signal through that wide "FM" filter, regardless of what settings you choose. Yaesu was smart enough to make that impossible (without an internal mod anyway). If you could route the signal through that broad "FM" L-C filter you'd be wide as heck, but you'd probably sound pretty darned good! Without the 6 kHz filter installed it will use the 2.4 kHz filter. Read my post at message 10277. I get very good audio reports on AM operation.

N6AF Chas

--- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> Addition of the AM filter only affects the receiver,
> not the transmitted signal. The 2.4 SSB filter is a
> little too narrow for AM operation. You can set the
> filter to 6Khz on the menu and without a filter in the
> rig it will open it up to about 20-25 Khz bandwidth,
> whatever the IF stages are, and that is actually too
> wide for good operation on AM.
>
> The bad audio reports are probably related to the
> carrier level settings and audio level settings not
> being set correctly. The factory defaults were not
> workable for my FT-100. I recall that I had to set
> the carrier level and the audio levels down. I used a
> scope to set the modulation envelope, but a close by
> station and some experimenting you can get them set.
> I would give you mine but the rig is in service
> department in California.....
>
> DE WB4EJE
>
>
> --- donkn5i <donkn5i@a...> wrote:
> > Just bought the Ft-100D and have had bad reports on
> > AM audio. The
> > previous messages on am settings are no longer
> > there. Can any one
> > help. I do not want to buy the $70.00 filter. I only
> > talk on 75 meter
> > am ocasionally.
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11844. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 18:31:52 UTC
From: Pres Waterman
Topic: 11805  Message: 11844

Well said, Chas!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 11845. Very low audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 21:09:12 UTC
From: Alvin M. Norris
Topic: 11845  Message: 11845

I was programming new UHF frequencies in the 100 and scanning to find new repeaters.
I noticed that the recieve audio had dropped to almost zero, even turning the audio to max just gives low volume.
I tried turning the radio off and on, letting it cool down etc. but no results. The problem is on all bands and modes.
Is their a hard reset or something to try before the trip back to the shop?
I am currently on hold with Tech Support.
Since I've been on hold for 37 minutes, I thought I'd try here again.

W8UJM

# 11846. Re: [FT100] Very low audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-28 22:10:42 UTC
From: Einar Carlsen
Topic: 11845  Message: 11846

Have you set the FM settings to FM or WFM. It sure makes a difference!
VE7BAQ
----- Original Message -----
From: Alvin M. Norris
To: FT100@yahoogroups.com
Sent: Monday, January 28, 2002 13:09 PM
Subject: [FT100] Very low audio

I was programming new UHF frequencies in the 100 and scanning to find new repeaters.
I noticed that the recieve audio had dropped to almost zero, even turning the audio to max just gives low volume.
I tried turning the radio off and on, letting it cool down etc. but no results. The problem is on all bands and modes.
Is their a hard reset or something to try before the trip back to the shop?
I am currently on hold with Tech Support.
Since I've been on hold for 37 minutes, I thought I'd try here again.

W8UJM

Yahoo! Groups Sponsor
ADVERTISEMENT

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 11847. calling K0Lee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 01:57:04 UTC
From: Pres Waterman
Topic: 11847  Message: 11847

Hellllloooooo K0LEE

Please email me direct with your phone number again

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11848. How Many Filter Slots?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 02:19:06 UTC
From: jimzf
Topic: 11848  Message: 11848

I've been considering the purchase of an FT-100D. They are being offered with a CW filter by many dealers. If the CW filter is installed, is there still room to add an AM filter?

Tnx - Jim, K2PW

# 11849. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 02:43:30 UTC
From: John Spiceman
Topic: 11805  Message: 11849

Chas,

I read your procedure for setting the AM carrier level
to 25 watts. I guess I'm missing something; but, why
did you say to initially set it at 165? Mine gets the
25 watts at about 66. That seems awfully high.

Does your's actually have to go that high to reach the
required output? Just curious. I'd be interested in
what setting other people get their 25 watts output.

Also should be included is the S/N as one would assume
that the most likely the same lot number of the
various components was used if S/N's are close...as
that seems to be the explanation for such varying
Function Menu values.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> This is incorrect. The 6 kHz filter is used in both
> the transmit and
> receive AM modes. If you operate AM without it
> installed the rig
> uses the 2.4 kHz "SSB" filter in transmit which
> explains why the
> audio passband sounds distorted (muffled sounding).
> Not only is the
> effective audio passband limited but, additionally,
> the carrier
> energy at center frequency is not allowed to pass
> without undo
> attenuation due to the position of the 2.4 kHz
> passband relative to
> the carrier and sideband postions. Without the 6
> kHz filter
> installed you get, at best, an odd sort of
> 'single-sideband,
> partially suppressed carrier' "AM". The customer
> data sheet for the
> FT-100D is clearly misleading when it states "all
> mode transceiver"
> but does not go on to advise the buyer that they
> must buy the 6 kHz
> optional filter in order to operate AM. To properly
> operate AM

> transmit the output of the balanced modulator
> (deliberately
> unbalanced during AM operation) must pass through a
> bandpass filter
> which allows the carrier at center frequency and
> both lower and upper
> sidebands to pass. One "fidelity benefit" (if
> you're an AM
> afficionado) of AM operation is that the effective
> lower cutoff
> frequency of the audio passband in AM is 0 Hz, in
> terms of the filter
> response following the modulator function. Of
> course the lower
> frequency response is actually something higher than
> 0 Hz, as limited
> by the audio circuitry between the mic and the audio
> input port of
> the modulator (plus the mic response itself). But
> the interesting
> point is that the filter passband runs right down
> through 0 Hz since
> the filter encompasses both potential sidebands'
> content as well as
> the center carrier; unlike the case with SSB where
> the filter
> following the modulator rolls off below typically
> 350 Hz or so and
> above 2750 Hz or so. That's why AM sounds "fuller",
> mic and audio
> chain bandpass response notwithstanding. If you
> operate the FT-100D
> in AM mode without the 6 kHz filter installed, when
> receiving it will
> use the "FM" bandpass filter which is very wide. I
> don't recall how
> wide; something like 15 kHz or 25 kHz for 6 dB down
> (the spec' is in
> the operating manual). You can hear how wide it is.
> The transmit
> architecture NEVER passes the transmit IF signal
> through that
> wide "FM" filter, regardless of what settings you
> choose. Yaesu was
> smart enough to make that impossible (without an
> internal mod
> anyway). If you could route the signal through that
> broad "FM" L-C
> filter you'd be wide as heck, but you'd probably
> sound pretty darned

> good! Without the 6 kHz filter installed it will use
> the 2.4 kHz
> filter. Read my post at message 10277. I get very
> good audio
> reports on AM operation.
>
> N6AF Chas
>
> --- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> > Addition of the AM filter only affects the
> receiver,
> > not the transmitted signal. The 2.4 SSB filter is
> a
> > little too narrow for AM operation. You can set
> the
> > filter to 6Khz on the menu and without a filter in
> the
> > rig it will open it up to about 20-25 Khz
> bandwidth,
> > whatever the IF stages are, and that is actually
> too
> > wide for good operation on AM.
> >
> > The bad audio reports are probably related to the
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> > being set correctly. The factory defaults were
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> > the carrier level and the audio levels down. I
> used a
> > scope to set the modulation envelope, but a close
> by
> > station and some experimenting you can get them
> set.
> > I would give you mine but the rig is in service
> > department in California.....
> >
> > DE WB4EJE
> >
> >
> > --- donkn5i <donkn5i@a...> wrote:
> > > Just bought the Ft-100D and have had bad reports
> on
> > > AM audio. The
> > > previous messages on am settings are no longer
> > > there. Can any one
> > > help. I do not want to buy the $70.00 filter. I
> only

> > > talk on 75 meter
> > > am ocasionally.
> > >
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Great stuff seeking new owners in Yahoo! Auctions!
>
> > http://auctions.yahoo.com
>
>

_____
Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 11850. WSJT Software and the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 05:27:55 UTC
From: rphora
Topic: 11850  Message: 11850

I would like to know if anyone has tried their FT100 using the WSJT high speed meteor scatter software on 6 or 2 meters? I have a new FT100 with no fan mod. The WSJT software requires 1 minute transmit and 1 minute on receive. This is a 50% duty cycle but is pretty rough on the hardware. I plan to use an external 3.5" muffin fan blowing on the rear and right side of the rig to help cool things off. I have also installed the mounting bracket to the radio to act as a heat sink. The mounting screws on the right side of the radio seem to help pull heat out of the radio chassis and dissipate it to the mounting bracket.

Here are the questions:

Has anyone used the rig with WSJT s/w and what were the results?

On long VHF transmissions will the fans cycle longer than 10 seconds in receive mode to cool the PA down?

Has anyone used an external fan to help in keeping the radio cool?

Any and all comments are WELCOME!!!

KM5OL (Randy)

# 11851. Re: How Many Filter Slots?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 07:44:08 UTC
From: n9cv
Topic: 11848  Message: 11851

The answer is Yes.

If you want it, have the dealer install it before buy get it. You can do it yourself later or send it in later. Instructions are in the files section of this reflector. Take the easy way and have it installed when you buy it.

Ken Burton - N9CV

--- In FT100@y..., "jimzf" <k2pw@h...> wrote:
> I've been considering the purchase of an FT-100D. They are being
> offered with a CW filter by many dealers. If the CW filter is
> installed, is there still room to add an AM filter?
>
> Tnx - Jim, K2PW

# 11852. Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 08:16:23 UTC
From: n9cv
Topic: 555  Message: 11852

I just checked AES. You are right it was $320. They were about $280 at the Dayton Hamvention last year. If you are not in any rush we can get one there, and mail it direct. I go every year. How about ZL land? Any chance there. I'll bet it is DSE also, but there might be some other dealer in Auckland.

The nice thing about the ATAS is it's size. It would go good on a small car. It only covers 40 meters and higher frequencies.

I am also willing to get one from the cheapest dealer I can find and mail it. I do not know what will pay on Australian import duty.

The last thing is my daughter and I were talking about another trip to either VK or ZL land again. We have nothing firm but might do it. If we do, I will let you know and bring one through customs myself.

These are the options as I know them now.

Oh wait, I have seen these on Ebay several times new for around $250 US. When Yeasu first came out with the ATAS-100 they were giving them away with a new radio purchase. I have seen several hams that had the ATAS-100 (new in the box)for sale. They were a year or two old and unused. They decided to sell them because they never went mobile. A lot of Icom users were buying them. There is one on there right now that is setting at $62 with a "buy it now" price of $225. He says he will ship internationally.

I'll keep a look out for one.

Let me know if you want me to check if any of the dealers will export. It is Tuesday morning and Yeasu did not answer my emails. I think I caused them so much trouble in the past that they automatically ignore my emails.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken,
>
> Thanks for the effort you put in.
>
> The Australian dealer for Yaesu is Dick Smith Electronics and it is them
> where I purchased the FT-100D.
>

# 11853. Re: [FT100] Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 10:01:09 UTC
From: The Simpsons
Topic: 555  Message: 11853

DSE are not the Yaesu agents in New Zealand. They are sold here through Com Centre in Auckland (www.radioinfo.co.nz). They list the ATAS-100 at NZ$840.00 which at the current exchange rate is US$350.00. 12.5% tax is payable on top of this.
The FT100 is listed at NZ$3551.00 (US$1500.00) plus 12.5% tax. Strange pricing variations depending on the item. I imported my FT100 from HRO at a considerable saving on the local price, but it would not be worthwhile for the ATAS-100 as after adding freight, the price would be similar to the local price.

Grant, ZL2BK.

----- Original Message -----
From: "n9cv" <kgb@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 29, 2002 9:16 PM
Subject: [FT100] Re: ATAS-100

> I just checked AES. You are right it was $320. They were about $280
> at the Dayton Hamvention last year. If you are not in any rush we
> can get one there, and mail it direct. I go every year. How about
> ZL land? Any chance there. I'll bet it is DSE also, but there might
> be some other dealer in Auckland.
>
> The nice thing about the ATAS is it's size. It would go good on a
> small car. It only covers 40 meters and higher frequencies.
>
> I am also willing to get one from the cheapest dealer I can find and
> mail it. I do not know what will pay on Australian import duty.
>
> The last thing is my daughter and I were talking about another trip
> to either VK or ZL land again. We have nothing firm but might do
> it. If we do, I will let you know and bring one through customs
> myself.
>
> These are the options as I know them now.
>
> Oh wait, I have seen these on Ebay several times new for around $250
> US. When Yeasu first came out with the ATAS-100 they were giving
> them away with a new radio purchase. I have seen several hams that
> had the ATAS-100 (new in the box)for sale. They were a year or two
> old and unused. They decided to sell them because they never went
> mobile. A lot of Icom users were buying them. There is one on
> there right now that is setting at $62 with a "buy it now" price of
> $225. He says he will ship internationally.
>

> I'll keep a look out for one.
>
> Let me know if you want me to check if any of the dealers will
> export. It is Tuesday morning and Yeasu did not answer my emails. I
> think I caused them so much trouble in the past that they
> automatically ignore my emails.
>
> Ken - N9CV
>
> --- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> > Hi Ken,
> >
> > Thanks for the effort you put in.
> >
> > The Australian dealer for Yaesu is Dick Smith Electronics and it is
> them
> > where I purchased the FT-100D.

# 11854. Re: [FT100] Re: How Many Filter Slots?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 05:46:44 UTC
From: danbay
Topic: 11848  Message: 11854

There is room for 2 filters the AM filter is at the front of the radio and the spot just behind that is for a CW filter ( and you can install either the CW-N (300 Hz )or the CW (500hz wide). I installed the CW-N and it works great, but it is in the circuit under the 500hz icon, because of the way Yaesu designed the software.
73's
W1WQ

---

> From: n9cv <kgb@...>
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: How Many Filter Slots?
> Date: Tuesday, January 29, 2002 7:44 AM
>
> The answer is Yes.
>
> If you want it, have the dealer install it before buy get it. You
> can do it yourself later or send it in later. Instructions are in
> the files section of this reflector. Take the easy way and have it
> installed when you buy it.
>
> Ken Burton - N9CV
>
>
> --- In FT100@y..., "jimzf" <k2pw@h...> wrote:
> > I've been considering the purchase of an FT-100D. They are being
> > offered with a CW filter by many dealers. If the CW filter is
> > installed, is there still room to add an AM filter?
> >
> > Tnx - Jim, K2PW
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>

# 11855. Re: [FT100] WSJT Software and the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 13:00:24 UTC
From: w3wjr@aol.com
Topic: 11850  Message: 11855

I have been playing with it, but my CPU is not fast enough. I think you will find its 30 seconds transmit, 30 sec receive, where the guy on the west coast transmits for the first 30 sec, then the guy on the east coast transmits for the 2nd 1/2 of the minute. i guess you also understand you should load a NTP program so you can sync up your PC clock to an atomic clock. its not really the time that matters, its getting them both to read the seconds close to each other, this way you both know when the same first 1/2 of the minute and 2nd 1/2 of the minute are.

the problem i found was it was hard to adjust the AGC just right to only get 4 bars or so. I used the same guidelines as RTTY in the manual for transmit guidelines.

Good luck,
W3WJR

In a message dated 1/29/2002 2:38:43 AM Eastern Standard Time, rhora@... writes:

> I would like to know if anyone has tried their FT100 using the WSJT
> high speed meteor scatter software on 6 or 2 meters? I have a new
> FT100 with no fan mod. The WSJT software requires 1 minute transmit
> and 1 minute on receive. This is a 50% duty cycle but is pretty
> rough on the hardware. I plan to use an external 3.5" muffin fan
> blowing on the rear and right side of the rig to help cool things off.
> I have also installed the mounting bracket to the radio to act as a
> heat sink. The mounting screws on the right side of the radio seem
> to help pull heat out of the radio chassis and dissipate it to the
> mounting bracket.
>

[Non-text portions of this message have been removed]

# 11856. Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 08:29:50 UTC
From: n9cv
Topic: 555  Message: 11856

Hey Eric,

Guess what I just received? I hope the attached email helps.
I'll send this person a Thank you note. I take back my comment about
Yeasu never answering my emails.

Ken - N9CV

Sent: Monday, January 28, 2002 10:59 PM
Subject: Re: dealers in Australia and New Zeland

> VERTEX STANDARD CO., LTD.
> 4-8-8 NAKAMEGURO
> MEGURO-KU, TOKYO
> JAPAN 153-8644
> TEL: 81-3-5725-6122
> FAX: 81-3-5725-6201
> Date: January 29, 2002
> Ref: kt/020129
>
> Dear Mr. Burton:
>
> Thank you for your e-mail dated January 27, 2002, inquiring about
our
> distributors.
>
> We are sorry that you could not find the Australian and New Zealand
> dealers through the web site of our subsidiaries. Our subsidiary
offices
> show only their own distributors on URL, and we apologize for the
> resulting inconvenience.
>
> Our Australian and New Zealand distributors are located at the
following
> address. However, if you wish to order the ATAS-100, we invite you
to
> contact the New Zealand distributor, because the Australian
distributor is
> not dealing in the ATAS-100.
>
> COMMUNICATION EQUIPMENT LTD.
> P.O. Box 15910
> New Lynn, Auckland
> NEW ZEALAND
> Tel: +64-9-627-1613
> Fax: +64-9-627-0084

> E-mail: cel@...
> URL: http://www.radioinfo.co.nz
>
> DICK SMITH ELECTRONICS
> P.O. Box 500, Regents Park DC, NSW 2143,
> 2 Davidson Street, Chullora, NSW, 2190
> AUSTRALIA
> Tel+61-2-9642-9100
> Fax+61-2-9642-9111
> E-mail: cayres@...
> URL: http://www.dse.com.au
>
> We hope this information proves helpful and thank you for your
patronage
> of Yaesu and Vertex Standard products. We remain,
>
> Very truly yours,
>
> VERTEX STANDARD CO., LTD.
>
> Ms. K. Tazawa
> Customer Relations Department
>
--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken,
>
> Thanks for the effort you put in.
>
> The Australian dealer for Yaesu is Dick Smith Electronics and it is
them
> where I purchased the FT-100D.

# 11857. RE: [FT100] Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 11:29:51 UTC
From: Eric van de Weyer
Topic: 555  Message: 11857

Hi again Ken,

thanks for those suggestions. I will, however, try some other options first. Anoth option is that I am planning to come over Stateside in 2003 for a trip to include Dayton (of course) so if that comes off I could pick one up myself.

Do let me know if you will be coming down, however, if nothing else we can certainly show you some Aussie hospitality here in Sydney.

It certainly is not a case of wanting the antenna as soon as possible but rather I am exploring possibilities. The VK8 who replied to me said that he went down this path a while ago and was told that DSE was not importing because it would cost them too much to get them "Type Approved". I think that that is just a cop out on DSE's part but I will be pursuing it with them myself, even if it's only on principle.

73....Eric VK2KUR
-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Tuesday, 29 January 2002 19:16
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS-100

I just checked AES. You are right it was $320. They were about $280 at the Dayton Hamvention last year. If you are not in any rush we can get one there, and mail it direct. I go every year. How about ZL land? Any chance there. I'll bet it is DSE also, but there might be some other dealer in Auckland.

The nice thing about the ATAS is it's size. It would go good on a small car. It only covers 40 meters and higher frequencies.

I am also willing to get one from the cheapest dealer I can find and mail it. I do not know what will pay on Australian import duty.

The last thing is my daughter and I were talking about another trip to either VK or ZL land again. We have nothing firm but might do it. If we do, I will let you know and bring one through customs myself.

These are the options as I know them now.

Oh wait, I have seen these on Ebay several times new for around $250 US. When Yeasu first came out with the ATAS-100 they were giving them away with a new radio purchase. I have seen several hams that had the ATAS-100 (new in the box)for sale. They were a year or two

old and unused. They decided to sell them because they never went mobile. A lot of Icom users were buying them. There is one on there right now that is setting at $62 with a "buy it now" price of $225. He says he will ship internationally.

I'll keep a look out for one.

Let me know if you want me to check if any of the dealers will export. It is Tuesday morning and Yeasu did not answer my emails. I think I caused them so much trouble in the past that they automatically ignore my emails.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken,
>
> Thanks for the effort you put in.
>
> The Australian dealer for Yaesu is Dick Smith Electronics and it is them
> where I purchased the FT-100D.
>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 11858. Re: [FT100] How Many Filter Slots?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 14:08:30 UTC
From: lhlousek
Topic: 11848  Message: 11858

The 100D comes with the 500 Hz CW filter (in the USA anyway). There is room for one additional filter, 300 Hz CW or 6000 Hz AM . The filter menu shows (and depending on mode) allows selections between 6000, 2400, 500 and 300 Hz. If you wanted both the 300 Hz filter and the 6000 Hz filter it would probably be possible to remove the 500 Hz filter and install the 300 Hz filter in its place.

I use the FT100D mainly for CW and have only the 500 Hz filter. It, along with the DSP CW filters, has worked well. I probably won't get the 300 Hz filter.

Lou W7DZN

# 11859. RE: [FT100] Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 11:33:25 UTC
From: Eric van de Weyer
Topic: 555  Message: 11859

Hi Grant,

thanks for that info. I may look into that as it may prove a viable alternative. Our dollar is worth a little bit more than yours so it may work our a bit cheaper for me. Also i don't know whether the tax would apply if it is being sold off shore. would have to check that one.

73....Eric VK2KUR
-----Original Message-----
From: The Simpsons [mailto:grant@...]
Sent: Tuesday, 29 January 2002 21:01
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100

DSE are not the Yaesu agents in New Zealand. They are sold here through Com
Centre in Auckland (www.radioinfo.co.nz). They list the ATAS-100 at NZ$840.00 which at the current exchange rate is US$350.00. 12.5% tax is payable on top of this.
The FT100 is listed at NZ$3551.00 (US$1500.00) plus 12.5% tax. Strange pricing variations depending on the item. I imported my FT100 from HRO at a
considerable saving on the local price, but it would not be worthwhile for the ATAS-100 as after adding freight, the price would be similar to the local price.

Grant, ZL2BK.

----- Original Message -----
From: "n9cv" <kgb@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, January 29, 2002 9:16 PM
Subject: [FT100] Re: ATAS-100

> I just checked AES. You are right it was $320. They were about $280
> at the Dayton Hamvention last year. If you are not in any rush we
> can get one there, and mail it direct. I go every year. How about
> ZL land? Any chance there. I'll bet it is DSE also, but there might
> be some other dealer in Auckland.
>
> The nice thing about the ATAS is it's size. It would go good on a
> small car. It only covers 40 meters and higher frequencies.
>
> I am also willing to get one from the cheapest dealer I can find and
> mail it. I do not know what will pay on Australian import duty.
>

> The last thing is my daughter and I were talking about another trip
> to either VK or ZL land again. We have nothing firm but might do
> it. If we do, I will let you know and bring one through customs
> myself.
>
> These are the options as I know them now.
>
> Oh wait, I have seen these on Ebay several times new for around $250
> US. When Yeasu first came out with the ATAS-100 they were giving
> them away with a new radio purchase. I have seen several hams that
> had the ATAS-100 (new in the box)for sale. They were a year or two
> old and unused. They decided to sell them because they never went
> mobile. A lot of Icom users were buying them. There is one on
> there right now that is setting at $62 with a "buy it now" price of
> $225. He says he will ship internationally.
>
> I'll keep a look out for one.
>
> Let me know if you want me to check if any of the dealers will
> export. It is Tuesday morning and Yeasu did not answer my emails. I
> think I caused them so much trouble in the past that they
> automatically ignore my emails.
>
> Ken - N9CV
>
> --- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> > Hi Ken,
> >
> > Thanks for the effort you put in.
> >
> > The Australian dealer for Yaesu is Dick Smith Electronics and it is
> them
> > where I purchased the FT-100D.

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[Non-text portions of this message have been removed]

# 11860. Re: [FT100] WSJT Software and the FT100, Cooling

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 14:30:17 UTC
From: John Hirth
Topic: 11860  Message: 11860

Randy,

I've never used WSJT on the FT100 nor used an external fan for cooling, so I can't comment on those issues.

With regard to your other question about the fan on VHF you will find that without the thermal fan switch mod (or equivalent) there is NO temperature sensitive cooling operation on VHF/UHF. On V/U the fan will come on during transmit and for about 7 seconds afterward, and then stop, regardless of the internal temperature. On HF and 6 meters the fan operation IS dependent on the internal temperature of the rig, and the fan will run at high speed until the chassis cools, so there should be no worries there.

If you are planning long transmit and/or high power operation on VHF/UHF I would suggest you have Yaesu install the thermal fan switch on the VHF/UHF output transistors (or you can order the switch [about US$7] and do it yourself if you're handy). Alternatively, you can install a 30-50 ohm 1-2 watt resistor from either black fan wire to ground, which will force the fan to run continuously at a speed dependent on the resistance (lower R is faster). The high speed operation during V/U transmit is not affected by this mod.

All of this is discussed in K0LEE's FAQ.

73 and GL, John W2KI
==========

rphora wrote:
>
> [text deleted]
>
> Here are the questions:
>
> Has anyone used the rig with WSJT s/w and what were the results?
>
> On long VHF transmissions will the fans cycle longer than 10 seconds
> in receive mode to cool the PA down?
>
> Has anyone used an external fan to help in keeping the radio cool?
>
> Any and all comments are WELCOME!!!
>
> KM5OL (Randy)

# 11861. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 16:18:34 UTC
From: backhoefade
Topic: 11805  Message: 11861

Function F51 gets set to about 65; your are exactly correct.
The 165 setting you're referring to must be in one of my posts where
I talk about improving the peak power capability in order to obtain
true "upward modulation". You do that by cranking up F15 (fifteen)
to about 165 or so. It just lets the rig hit a peak output power of
about 140 watts or so. You can set it first in CW (keyer disabled).
Then just follow the method using F51 to set for 25 Watts out for the
unmodulated AM carrier. You'll see what I mean if you have an
external Watt meter (I use a Bird). When you give the rig a little
more headroom for peak output power then you will see nice peaks when
you modulate in AM. Let me know how it works out. Also, try the
PROcessor, but remember to just set the level "within" the PRO
function to 17, just like you set the MIC gain when the PRO is
disabled. I have been told that for the case of using the processor
in AM mode you should set the MIC DSP to setting 1. That will take
the extreme highs out of the content and temper the overall audio
slightly. Use a monitor receiver with headphones to experiment.
Good luck and have fun!
N6AF Chas

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
>
> I read your procedure for setting the AM carrier level
> to 25 watts. I guess I'm missing something; but, why
> did you say to initially set it at 165? Mine gets the
> 25 watts at about 66. That seems awfully high.
>
> Does your's actually have to go that high to reach the
> required output? Just curious. I'd be interested in
> what setting other people get their 25 watts output.
>
> Also should be included is the S/N as one would assume
> that the most likely the same lot number of the
> various components was used if S/N's are close...as
> that seems to be the explanation for such varying
> Function Menu values.
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:
> > This is incorrect. The 6 kHz filter is used in both
> > the transmit and
> > receive AM modes. If you operate AM without it
> > installed the rig

> > uses the 2.4 kHz "SSB" filter in transmit which
> > explains why the
> > audio passband sounds distorted (muffled sounding).
> > Not only is the
> > effective audio passband limited but, additionally,
> > the carrier
> > energy at center frequency is not allowed to pass
> > without undo
> > attenuation due to the position of the 2.4 kHz
> > passband relative to
> > the carrier and sideband postions. Without the 6
> > kHz filter
> > installed you get, at best, an odd sort of
> > 'single-sideband,
> > partially suppressed carrier' "AM". The customer
> > data sheet for the
> > FT-100D is clearly misleading when it states "all
> > mode transceiver"
> > but does not go on to advise the buyer that they
> > must buy the 6 kHz
> > optional filter in order to operate AM. To properly
> > operate AM
> > transmit the output of the balanced modulator
> > (deliberately
> > unbalanced during AM operation) must pass through a
> > bandpass filter
> > which allows the carrier at center frequency and
> > both lower and upper
> > sidebands to pass. One "fidelity benefit" (if
> > you're an AM
> > afficionado) of AM operation is that the effective
> > lower cutoff
> > frequency of the audio passband in AM is 0 Hz, in
> > terms of the filter
> > response following the modulator function. Of
> > course the lower
> > frequency response is actually something higher than
> > 0 Hz, as limited
> > by the audio circuitry between the mic and the audio
> > input port of
> > the modulator (plus the mic response itself). But
> > the interesting
> > point is that the filter passband runs right down
> > through 0 Hz since
> > the filter encompasses both potential sidebands'
> > content as well as
> > the center carrier; unlike the case with SSB where
> > the filter
> > following the modulator rolls off below typically
> > 350 Hz or so and

> > above 2750 Hz or so. That's why AM sounds "fuller",
> > mic and audio
> > chain bandpass response notwithstanding. If you
> > operate the FT-100D
> > in AM mode without the 6 kHz filter installed, when
> > receiving it will
> > use the "FM" bandpass filter which is very wide. I
> > don't recall how
> > wide; something like 15 kHz or 25 kHz for 6 dB down
> > (the spec' is in
> > the operating manual). You can hear how wide it is.
> > The transmit
> > architecture NEVER passes the transmit IF signal
> > through that
> > wide "FM" filter, regardless of what settings you
> > choose. Yaesu was
> > smart enough to make that impossible (without an
> > internal mod
> > anyway). If you could route the signal through that
> > broad "FM" L-C
> > filter you'd be wide as heck, but you'd probably
> > sound pretty darned
> > good! Without the 6 kHz filter installed it will use
> > the 2.4 kHz
> > filter. Read my post at message 10277. I get very
> > good audio
> > reports on AM operation.
> >
> > N6AF Chas
> >
> > --- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> > > Addition of the AM filter only affects the
> > receiver,
> > > not the transmitted signal. The 2.4 SSB filter is
> > a
> > > little too narrow for AM operation. You can set
> > the
> > > filter to 6Khz on the menu and without a filter in
> > the
> > > rig it will open it up to about 20-25 Khz
> > bandwidth,
> > > whatever the IF stages are, and that is actually
> > too
> > > wide for good operation on AM.
> > >
> > > The bad audio reports are probably related to the
> > > carrier level settings and audio level settings
> > not
> > > being set correctly. The factory defaults were
> > not

> > > workable for my FT-100. I recall that I had to
> > set
> > > the carrier level and the audio levels down. I
> > used a
> > > scope to set the modulation envelope, but a close
> > by
> > > station and some experimenting you can get them
> > set.
> > > I would give you mine but the rig is in service
> > > department in California.....
> > >
> > > DE WB4EJE
> > >
> > >
> > > --- donkn5i <donkn5i@a...> wrote:
> > > > Just bought the Ft-100D and have had bad reports
> > on
> > > > AM audio. The
> > > > previous messages on am settings are no longer
> > > > there. Can any one
> > > > help. I do not want to buy the $70.00 filter. I
> > only
> > > > talk on 75 meter
> > > > am ocasionally.
> > > >
> > > >
> > > >
> > >
> > >
> > > _____
> > > Do You Yahoo!?
> > > Great stuff seeking new owners in Yahoo! Auctions!
> > >
> > > http://auctions.yahoo.com
> > >
> > >
>
>
> _____
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> http://auctions.yahoo.com

# 11862. Re: [FT100] intermittent transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 15:20:53 UTC
From: KB5VZC
Topic: 11862  Message: 11862

Paul, on this problem were you using the auto ID just before the rig started the intermittent transmissions?

jerry
----- Original Message -----
From: birddog73162
To: FT100@yahoogroups.com
Sent: Friday, January 25, 2002 8:32 PM
Subject: [FT100] (unknown)

I received my FT-100D today from the Yaesu people after they repaired (under warranty) the standard SWR, heating and garbled RX audio problems. Turn around time in total was 5 weeks. The invoice returned with the unit had a "declared value" of $1,699.00. I assume this was their internal cost for repair. A person could buy two new FT-100's for that sum.

In addition to the standard mods discussed in this group, they also replaced two rotary encoders, an IC, did "AM REPAIRS" and a total realignment. I just got through trying to test the unit and it will intermittently transmits every 2 seconds, by itself, with the microphone attached. This problem ceases when the mic is detached. The mic worked fine at the time I sent the unit to Cerritos.

I can't imagine what I might be doing wrong and must assume the Yaesu let this out of their shop without a thorough test. I have listened for the most part to the comments in this group and have been amazed at the Yaesu group giving the ham community the quality of product and service I have heard about and am now experiencing. I don't want to rush to judgement on Yaesu products, but so far the "sailing" had been through rough seas.

I am going to try a substitute mic tomorrow and see if that makes a difference. Other than that, I am at a loss for ideas. Anyone out there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ

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[Non-text portions of this message have been removed]

# 11863. RE: [FT100] Re: ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 15:35:45 UTC
From: Eric van de Weyer
Topic: 555  Message: 11863

Thanks, Ken. That gives me all the contact details I neet.

73....Eric VK2KUR.
-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Tuesday, 29 January 2002 19:30
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS-100

Hey Eric,

Guess what I just received? I hope the attached email helps.
I'll send this person a Thank you note. I take back my comment about
Yeasu never answering my emails.

Ken - N9CV

Sent: Monday, January 28, 2002 10:59 PM
Subject: Re: dealers in Australia and New Zeland

> VERTEX STANDARD CO., LTD.
> 4-8-8 NAKAMEGURO
> MEGURO-KU, TOKYO
> JAPAN 153-8644
> TEL: 81-3-5725-6122
> FAX: 81-3-5725-6201
> Date: January 29, 2002
> Ref: kt/020129
>
> Dear Mr. Burton:
>
> Thank you for your e-mail dated January 27, 2002, inquiring about
our
> distributors.
>
> We are sorry that you could not find the Australian and New Zealand
> dealers through the web site of our subsidiaries. Our subsidiary
offices
> show only their own distributors on URL, and we apologize for the
> resulting inconvenience.
>
> Our Australian and New Zealand distributors are located at the
following
> address. However, if you wish to order the ATAS-100, we invite you
to
> contact the New Zealand distributor, because the Australian

distributor is
> not dealing in the ATAS-100.
>
> COMMUNICATION EQUIPMENT LTD.
> P.O. Box 15910
> New Lynn, Auckland
> NEW ZEALAND
> Tel: +64-9-627-1613
> Fax: +64-9-627-0084
> E-mail: cel@...
> URL: http://www.radioinfo.co.nz
>
> DICK SMITH ELECTRONICS
> P.O. Box 500, Regents Park DC, NSW 2143,
> 2 Davidson Street, Chullora, NSW, 2190
> AUSTRALIA
> Tel+61-2-9642-9100
> Fax+61-2-9642-9111
> E-mail: cayres@...
> URL: http://www.dse.com.au
>
> We hope this information proves helpful and thank you for your
patronage
> of Yaesu and Vertex Standard products. We remain,
>
> Very truly yours,
>
> VERTEX STANDARD CO., LTD.
>
> Ms. K. Tazawa
> Customer Relations Department
>
--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken,
>
> Thanks for the effort you put in.
>
> The Australian dealer for Yaesu is Dick Smith Electronics and it is
them
> where I purchased the FT-100D.

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[Non-text portions of this message have been removed]

# 11864. kEYPAD FOR FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 15:23:48 UTC
From: Lee Boulineau
Topic: 11864  Message: 11864

Here is John Hansen's reply to me about the keypad for the FT100 !!

73 de N4MVL

Lee

Thanks for your inquiry about the keypad. Currently, I am selling the "Millennium QSYer", which provides direct frequency entry and a range of other functions for late model ICOM radios.

The next version of the keypad will expand coverage to the Yaesu FT-100 and the FT-817 (it will continue to work on the ICOM series radios as well). It will allow you to directly enter a frequency and will intelligently select the operating mode for that frequency. It will also allow you to do a range of other functions including switching between VFO's and turning on and off the split function. The current draw of this new version of the keypad will be in the vicinity of 10 microamps, so it will run on a 9 volt battery indefinitely (for the shelf life of the battery, in any case).

So, you might ask, when will it be available? I have essentially finished the design of the prototype and am currently running it on both an ICOM 706 and Yaesu 817 in my office. I still need to have the PC boards laid out and

contract with a company to produce the plastic cases.
Realistically, I
expect it will be available within one to two months.

Yes, there is a prototype or two floating around in
beta testing, so
you may
hear of someone who has actually used one. I could,
in fact, build one
of
the earlier models for the FT-100 and sell it to you
this week. I am
reluctant to do so, however, because within just a
couple of months you
would probably run into someone who owns one with
greater functionality
than
the one you have (when the new design is finished) and
you'd probably
be
upset that you paid the same amount of money and
received an inferior
product.

When the new design is completed, I will announce it's
availability on
the
relevant listservers and on my webpage (
<http://john.hansen.net/>
http://john.hansen.net)

Thanks again for the inquiry,

John W2FS

At 12:41 PM 1/25/2002 -0500, you wrote:

John,

Do you have direct entry keypads for the Yaesu FT100D
???? I'm
interested in
purchasing one!!!!

73,

Lee Boulineau - N4MVL

---------------------------------------------
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http://auctions.yahoo.com

# 11865. Keypad for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 17:01:10 UTC
From: Lee Boulineau
Topic: 11865  Message: 11865

Hey Guys,

This is John Hansen's response to my inquiry for a
FT-100 keypad!

73 de N4MVL

Lee

Thanks for your inquiry about the keypad. Currently,
I am selling the
"Millennium QSYer", which provides direct frequency
entry and a range
of
other functions for late model ICOM radios.

The next version of the keypad will expand coverage to
the Yaesu
FT-100 and
the FT-817 (it will continue to work on the ICOM
series radios as
well). It
will allow you to directly enter a frequency and will
intelligently
select
the operating mode for that frequency. It will also
allow you to do a
range
of other functions including switching between VFO's
and turning on and
off
the split function. The current draw of this new
version of the keypad
will
be in the vicinity of 10 microamps, so it will run on
a 9 volt battery
indefinitely (for the shelf life of the battery, in
any case).

So, you might ask, when will it be available? I have
essentially
finished
the design of the prototype and am currently running
it on both an ICOM
706
and Yaesu 817 in my office. I still need to have the

PC boards laid
out and
contract with a company to produce the plastic cases.
Realistically, I
expect it will be available within one to two months.

Yes, there is a prototype or two floating around in
beta testing, so
you may
hear of someone who has actually used one. I could,
in fact, build one
of
the earlier models for the FT-100 and sell it to you
this week. I am
reluctant to do so, however, because within just a
couple of months you
would probably run into someone who owns one with
greater functionality
than
the one you have (when the new design is finished) and
you'd probably
be
upset that you paid the same amount of money and
received an inferior
product.

When the new design is completed, I will announce it's
availability on
the
relevant listservers and on my webpage (
<http://john.hansen.net/>
http://john.hansen.net)

Thanks again for the inquiry,

John W2FS

_____
Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 11866. FT-100 keypad Info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 17:21:25 UTC
From: n4mvl
Topic: 11866  Message: 11866

This is John Hansen's reply to my Ft-100 keypad inquiry - I
forwarding it as information for the group!!

73 de N4MVL
Lee

Thanks for your inquiry about the keypad. Currently, I am selling the
"Millennium QSYer", which provides direct frequency entry and a range
of
other functions for late model ICOM radios.

The next version of the keypad will expand coverage to the Yaesu
FT-100 and
the FT-817 (it will continue to work on the ICOM series radios as
well). It
will allow you to directly enter a frequency and will intelligently
select
the operating mode for that frequency. It will also allow you to do
a
range
of other functions including switching between VFO's and turning on
and
off
the split function. The current draw of this new version of the
keypad
will
be in the vicinity of 10 microamps, so it will run on a 9 volt battery
indefinitely (for the shelf life of the battery, in any case).

So, you might ask, when will it be available? I have essentially
finished
the design of the prototype and am currently running it on both an
ICOM
706
and Yaesu 817 in my office. I still need to have the PC boards laid
out and
contract with a company to produce the plastic cases. Realistically,
I
expect it will be available within one to two months.

Yes, there is a prototype or two floating around in beta testing, so
you may
hear of someone who has actually used one. I could, in fact, build
one
of
the earlier models for the FT-100 and sell it to you this week. I am

reluctant to do so, however, because within just a couple of months
you
would probably run into someone who owns one with greater
functionality
than
the one you have (when the new design is finished) and you'd probably
be
upset that you paid the same amount of money and received an inferior
product.

When the new design is completed, I will announce it's availability
on
the
relevant listservers and on my webpage ( <http://john.hansen.net/>
http://john.hansen.net)

Thanks again for the inquiry,

John W2FS

# 11867. Re: CW interface with WriteLog

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 18:14:27 UTC
From: bob frick
Topic: 11836  Message: 11867

Ed,
Well, I did the wiring the way you told me to and
still I cannot get it to key. I just cannot figure out
what is going on. My bet is that is something so simple I am overlooking it.
I am going to read my
laptop manual to see if it says anything. Maybe I
will also go to the WriteLog home page and see if they
have a forum where I can find something out. This
is getting pretty irritating. Even more disturbing is
that you were the only person on the FT100 group
who even responded.
Bob
----- Original Message -----
From: <emoxon@...>
To: <bobndeb@...>
Sent: Tuesday, January 29, 2002 12:47 AM
Subject: RE: CW interface with WriteLog

> If it's a 2n2222 in a to-18 metal can, then from the bottom, the triangle
of
> pins is
> b
> e c
> (the tab is nearest to the emitter).
>
> If it's a to-92 plastic, then from the bottom, with the flat face of the
> body pointed skywards, the line of pins is
> e b c
>
> So: emitter goes to pin 1, base goes thru 1k to pin 17, collector goes to
> the tip of the 3.5mm plug, pin 18 goes to the sleeve.
>
> Some tests:
> With it all wired up and plugged in, if you ground pin 1 (emitter)
yourself
> with a wire, it should key. (Of course grounding the collector should also
> key).
> Idling, the voltage on either pin 1 or 17 would be +5 on a classic
parallel
> port. If you ground pin 1, it should pull the base down to around .7V, and
> the collector to .1V or less (which would cause keying).
> If you can ground pin 1 and it keys, then it smells like a
> software/configuration problem.
>
> And again, since the rig is 5V logic, you could just tie pin 1 right to

the
> tip and it should work (you need the ground too).
>
> For completeness, the pin arrangement of the female 25pin d-sub viewed as
> you would approach it to plug something in is
> 13 ..... 3 2 1 (longer row, 13 pins)
> 25.......15 14 (shorter row, 12 pins)
> Sometimes those little numbers embossed in the housing are tough to read.
> Ed.
>
>

# 11868. Stingy S-Meter Readings (Ft-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 20:10:49 UTC
From: kayakor
Topic: 11868  Message: 11868

Hello!
I am new to my radio as well as to this group. When comparing the signal strength with my Ft-100D to another radio (A/B test)it is very low by comparison. The other rig (Ft-847) will be almost at full scale with certain signals where the Ft-100D barely hits the 20 mark.
Any ideas or is this normal for this radio?
Thanks in advance for your help and inputs!!
73
Mike

# 11869. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 17:02:36 UTC
From: John Spiceman
Topic: 11805  Message: 11869

Chas,
You are exactly correct. I guess I looked at F15, and working with the F51 all afternoon, simply saw it incorrectly.

I do a lot of 10mtr AM in the car so these AM questions and your very good explanations are very relevant.

I have found that when I tune F51 to the 25 watts on a wattmeter and watching the SWR meter, I get a lot of downward modulation. Goes from 25 resting to about 5 on audio peaks. On the scope the carrier gets pretty thin but the modulation goes up nicely.

When F51 it set to about 72 or 73, the resting is about 40, but the downward modulation is much less as a percentage. The scope still looks nice, no flat topping on the audio peaks, the carrier has increased (as you'd expect) and the wattmeter doesn't diminish as much on modulation.

Its similar to tuning the old AM transmitters, like my Johnson Valiant et al. You need to really "load it" to get the best performance. Trying to back off, for instance, to reduce power does not provide for best performance (audio) even though the power is less.

I seem to get better reports on the audio set at the higher number. Set at 62 sometimes gets a report of "almost sounds like sideband", because the carrier goes down so much I presume. As long as I keep the carrier at 73, audio gain at 17 and the EQ at 1, all seems good.

Just an observation from my quest for good AM audio reports, Chas.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> Function F51 gets set to about 65; your are exactly
> correct.
> The 165 setting you're referring to must be in one
> of my posts where
> I talk about improving the peak power capability in
> order to obtain

> true "upward modulation". You do that by cranking
> up F15 (fifteen)
> to about 165 or so. It just lets the rig hit a peak
> output power of
> about 140 watts or so. You can set it first in CW
> (keyer disabled).
> Then just follow the method using F51 to set for 25
> Watts out for the
> unmodulated AM carrier. You'll see what I mean if
> you have an
> external Watt meter (I use a Bird). When you give
> the rig a little
> more headroom for peak output power then you will
> see nice peaks when
> you modulate in AM. Let me know how it works out.
> Also, try the
> PROcessor, but remember to just set the level
> "within" the PRO
> function to 17, just like you set the MIC gain when
> the PRO is
> disabled. I have been told that for the case of
> using the processor
> in AM mode you should set the MIC DSP to setting 1.
> That will take
> the extreme highs out of the content and temper the
> overall audio
> slightly. Use a monitor receiver with headphones to
> experiment.
> Good luck and have fun!
> N6AF Chas
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Chas,
> >
> > I read your procedure for setting the AM carrier
> level
> > to 25 watts. I guess I'm missing something; but,
> why
> > did you say to initially set it at 165? Mine gets
> the
> > 25 watts at about 66. That seems awfully high.
> >
> > Does your's actually have to go that high to reach
> the
> > required output? Just curious. I'd be interested
> in
> > what setting other people get their 25 watts
> output.
> >

> > Also should be included is the S/N as one would
> assume
> > that the most likely the same lot number of the
> > various components was used if S/N's are
> close...as
> > that seems to be the explanation for such varying
> > Function Menu values.
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > This is incorrect. The 6 kHz filter is used in
> both
> > > the transmit and
> > > receive AM modes. If you operate AM without it
> > > installed the rig
> > > uses the 2.4 kHz "SSB" filter in transmit which
> > > explains why the
> > > audio passband sounds distorted (muffled
> sounding).
> > > Not only is the
> > > effective audio passband limited but,
> additionally,
> > > the carrier
> > > energy at center frequency is not allowed to
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> > > without undo
> > > attenuation due to the position of the 2.4 kHz
> > > passband relative to
> > > the carrier and sideband postions. Without the
> 6
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> > > installed you get, at best, an odd sort of
> > > 'single-sideband,
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> customer
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> > > mode transceiver"
> > > but does not go on to advise the buyer that they
> > > must buy the 6 kHz
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> properly
> > > operate AM
> > > transmit the output of the balanced modulator
> > > (deliberately
> > > unbalanced during AM operation) must pass
> through a
> > > bandpass filter

> > > which allows the carrier at center frequency and
> > > both lower and upper
> > > sidebands to pass. One "fidelity benefit" (if
> > > you're an AM
> > > afficionado) of AM operation is that the
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> > > lower cutoff
> > > frequency of the audio passband in AM is 0 Hz,
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> > > terms of the filter
> > > response following the modulator function. Of
> > > course the lower
> > > frequency response is actually something higher
> than
> > > 0 Hz, as limited
> > > by the audio circuitry between the mic and the
> audio
> > > input port of
> > > the modulator (plus the mic response itself).
> But
> > > the interesting
> > > point is that the filter passband runs right
> down
> > > through 0 Hz since
> > > the filter encompasses both potential sidebands'
> > > content as well as
> > > the center carrier; unlike the case with SSB
> where
> > > the filter
> > > following the modulator rolls off below
> typically
> > > 350 Hz or so and
> > > above 2750 Hz or so. That's why AM sounds
> "fuller",
> > > mic and audio
> > > chain bandpass response notwithstanding. If you
> > > operate the FT-100D
> > > in AM mode without the 6 kHz filter installed,
> when
> > > receiving it will
> > > use the "FM" bandpass filter which is very wide.
> I
> > > don't recall how
> > > wide; something like 15 kHz or 25 kHz for 6 dB
> down
> > > (the spec' is in
> > > the operating manual). You can hear how wide it
> is.
> > > The transmit
> > > architecture NEVER passes the transmit IF signal

> > > through that
> > > wide "FM" filter, regardless of what settings
> you
> > > choose. Yaesu was
> > > smart enough to make that impossible (without an
> > > internal mod
> > > anyway). If you could route the signal through
> that
> > > broad "FM" L-C
> > > filter you'd be wide as heck, but you'd probably
> > > sound pretty darned
> > > good! Without the 6 kHz filter installed it will
> use
> > > the 2.4 kHz
> > > filter. Read my post at message 10277. I get
> very
> > > good audio
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> > >
> > > N6AF Chas
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> > > --- In FT100@y..., Bob Cheek <wb4eje@y...>
> wrote:
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> settings
>
=== message truncated ===

---------------------------------------------------
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http://auctions.yahoo.com

# 11870. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 22:05:41 UTC
From: backhoefade
Topic: 11805  Message: 11870

That sounds good but I would still try to pump up the peak power capability by turning up F15 for about 125 Watts or so in CW. Then go back to AM and set F51 still for the basic 25 Watts unmodulated. Then you'll have a good amount of "overhead" as far as PEP goes. Try it. You should see tremendous "upward modulation" performance. The composite power peaks in the final amps will no longer starve the fundamental carrier power as both of your sidebands fill out. Did you try the PRO yet? I use it often. Just remember that when the PRO is enabled that it controls the audio drive level to the modulator entirely! Hold in the PRO function and then set it to the 17 level. You can convince yourself of this "override" behavior by turning on the PRO, setting it to 17, and then going over to the standard MIC GAIN setting and setting that to ZERO. You will then see that your audio drive level is set solely by the level control "within" the PRO function. It's a shame that the users manual is completely devoid of info on AM operation. Maybe they didn't want to have to point out that you have to buy the extra 6 kHz filter in order to operate AM! Either that or the design engineers went on to the next project before passing all their knowledge to the technical publications department! The "design is there", the operation just isn't clearly described. Sounds pretty good once you get it right though. Let me know what reports you get with the PRO on.
N6AF Chas

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> You are exactly correct. I guess I looked at F15, and
> working with the F51 all afternoon, simply saw it
> incorrectly.
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> I do a lot of 10mtr AM in the car so these AM
> questions and your very good explanations are very
> relevant.
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> I have found that when I tune F51 to the 25 watts on a
> wattmeter and watching the SWR meter, I get a lot of
> downward modulation. Goes from 25 resting to about 5
> on audio peaks. On the scope the carrier gets pretty
> thin but the modulation goes up nicely.
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> When F51 it set to about 72 or 73, the resting is
> about 40, but the downward modulation is much less as
> a percentage. The scope still looks nice, no flat
> topping on the audio peaks, the carrier has increased

> (as you'd expect) and the wattmeter doesn't diminish
> as much on modulation.
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> Johnson Valiant et al. You need to really "load it" to
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> instance, to reduce power does not provide for best
> performance (audio) even though the power is less.
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> higher number. Set at 62 sometimes gets a report of
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> goes down so much I presume. As long as I keep the
> carrier at 73, audio gain at 17 and the EQ at 1, all
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> Just an observation from my quest for good AM audio
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> John - WB0RLD
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> === message truncated ===
>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11871. Re: [FT100] Stingy S-Meter Readings (Ft-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 21:29:01 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11868  Message: 11871

The S meter indication is not the important thing. The important thing is signal to noise ratio at your ears. The FT-100D is reported to have a stingy S-meter but it hears very well. Many multimode radios on VHF FM go to full scale before they have full quieting. Because the meter is reading first limiter, not a true signal strength. The FT-100D may be more truthful than prior radios.

73, Jerry, K0CQ

--
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# 11872. Re: [FT100] intermittent transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 21:57:47 UTC
From: Pablo
Topic: 11862  Message: 11872

Hey Jerry.... No I was not. When the unit was returned from the Yaesu folks, after the standard mod's were performed, it performed OK for about 10 minutes, then started intermittently transmitting every 2/3 seconds. I was able to resolve the problem by substituting a friends mic. So....the mic is on it's way to Cerritos. Wish all problems could be solved so easily.....Paul

KB5VZC wrote:

> Paul, on this problem were you using the auto ID just before the rig
> started the intermittent transmissions?
>
> jerry
> ----- Original Message -----
> From: birddog73162
> To: FT100@yahoogroups.com
> Sent: Friday, January 25, 2002 8:32 PM
> Subject: [FT100] (unknown)
>
>
>
> I received my FT-100D today from the Yaesu people after they
> repaired
> (under warranty) the standard SWR, heating and garbled RX audio
> problems. Turn around time in total was 5 weeks. The invoice
> returned
> with the unit had a "declared value" of $1,699.00. I assume this was
>
> their internal cost for repair. A person could buy two new FT-100's
> for that sum.
>
> In addition to the standard mods discussed in this group, they also
> replaced two rotary encoders, an IC, did "AM REPAIRS" and a total
> realignment. I just got through trying to test the unit and it will
> intermittently transmits every 2 seconds, by itself, with the
> microphone attached. This problem ceases when the mic is detached.
> The mic worked fine at the time I sent the unit to Cerritos.
>
> I can't imagine what I might be doing wrong and must assume the
> Yaesu
> let this out of their shop without a thorough test. I have listened
> for the most part to the comments in this group and have been amazed
>
> at the Yaesu group giving the ham community the quality of product
> and service I have heard about and am now experiencing. I don't want

> 
> to rush to judgement on Yaesu products, but so far the "sailing" had
> 
> been through rough seas.
> 
> I am going to try a substitute mic tomorrow and see if that makes a
> difference. Other than that, I am at a loss for ideas. Anyone out
> there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ
> 
> 
> 
> 
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> 
> 
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> 
> We are all a part of this Lets make it as good as possible.
> 
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> 
> 
> 
> 
> [Non-text portions of this message have been removed]
> 
> 
> 
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> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> 
> We are all a part of this Lets make it as good as possible.
> 
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[Non-text portions of this message have been removed]

# 11873. Re: [FT100] Re: CW interface with WriteLog

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 23:26:20 UTC
From: Grant Mitchell
Topic: 11836  Message: 11873

Bob,

I really have not been following this thread because I do not use WRITELOG (I use TRLog), however, some of the simpler things to check if you have not done so already.

Please excuse if some of it has been covered before.

KEY JACK: 3 conductor (Stereo, male), KEY line to TIP, COMMON line to BARREL.....no connection to center.

MENU LINE #8: KYR off (not highlited)(D key)(Only used for internal keyer)

MENU LINE #8: BK off (not highlited)(C key)

Briefly touch the two key lines together (TIP & COMMON) You should hear the sidetone

If you hear the sidetone go back to MENU LINE #8 and press KEY C to turn BK on (highlighted). Radio should transmit (dummy load) when you touch the two key lines together.

All of the above will let you know the radio and key line are OK.

If you do not hear the sidetone then you have a problem in the connections or radio.

After the above checks out, assemble and plug the cable to your laptop (LPT1??). Connect a DMM (Digital Multimeter) to TIP & COMMON on the stereo plug and place the meter in OHMS (Resistance).
Have the laptop (Writelog) send some CW and see if the KEY LINE is pulled to 0 OHMS (or close...Hi). If not, then, you have a problem with the interface, software, or laptop hardware.

If you can receive attachments I can scan the interface schematic and send it to you. It should be the same for WRITELOG and TRLOG.

73, Grant
N4GM

bob frick wrote:
>
> Ed,
> Well, I did the wiring the way you told me to and
> still I cannot get it to key. I just cannot figure out
> what is going on. My bet is that is something so simple I am overlooking it.
> I am going to read my

> laptop manual to see if it says anything. Maybe I
> will also go to the WriteLog home page and see if they
> have a forum where I can find something out. This
> is getting pretty irritating. Even more disturbing is
> that you were the only person on the FT100 group
> who even responded.
> Bob
> ----- Original Message -----
>

# 11874. Re: Stingy S-Meter Readings (Ft-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 00:19:45 UTC
From: backhoefade
Topic: 11868  Message: 11874

I tried to post a response to this earlier today but it got lost somehow. Here we go again. Take a look at the file in the "Files" section called "ft100meter1.xls" and you can see the inaccuracy of the S meter even following a re-calibration in the engineering lab at work. You can only set the S meter readout at one point on the overall curve. The file indicates the meter performance following an alignment for S9 equal to -73 dBm (50 microvolts rms sinewave). As you can see the meter is actually extremely generous at the high end; 60 dB over S9 is indicated when the actual level at the front end is about 35 dB over S9. I posted a discussion about receiver "sensitivity" some time ago. You can find it by entering "receiver sensitivity" in the search box. In it I explain the fundamentals regarding "sensitivity", pointing out the fact that any receiver should indicate S9 if the signal is -73 dBm at the front end, regardless of its "sensitivity". "Sensitivity" pertains to the resultant signal to noise ratio that is available in a receiver as controlled by the receiver's overall noise figure and effective noise bandwidth.
If you have access to a calibrated low power meter and stable sinusoidal signal source you can go into the sub menu of the FT-100D and set the S meter so that its S9 segment is just coming on when you present the rig with a -73 dBm signal. Then at least you will have an accurate S meter reading for your "5-9" reports.
N6AF Chas

--- In FT100@y..., "kayakor" <kayakor@y...> wrote:
> Hello!
> I am new to my radio as well as to this group. When comparing the
> signal strength with my Ft-100D to another radio (A/B test)it is
very
> low by comparison. The other rig (Ft-847) will be almost at full
> scale with certain signals where the Ft-100D barely hits the 20
mark.
> Any ideas or is this normal for this radio?
> Thanks in advance for your help and inputs!!
> 73
> Mike

# 11875. Re: [FT100] Re: CW interface with WriteLog

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-29 21:13:43 UTC
From: Ham_Tech@juno.com
Topic: 11836  Message: 11875

Hey Bob,

I did not see your previous message. What are you having trouble with,
I will try and help you??!

Also I did see the circuit that was explained in the text, I will redo
that with my schematic designer so you can see a better picture.

Daniel

_____
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# 11876. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 04:19:44 UTC
From: Pres Waterman
Topic: 11805  Message: 11876

> That sounds good but I would still try to pump up the peak power
> capability by turning up F15 for about 125 Watts or so in CW.

By doing this are you smoking the CW and/or SSB and especially the FM output really high, or are you just optimizing AM?

I like 10m FM at 100"%" setting, and don't want to try to get 125 or as much as 170w out of a radio rated at 100w!

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 11877. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 06:16:48 UTC
From: John Spiceman
Topic: 11805  Message: 11877

Chas,
I'm on a business trip right now and don't have access
to a power meter. I'd love to try it out tonight.

"The composite power peaks starving the carrier" makes
perfect sense and explains the negative deflection of
the power meter/SWR bridge. Anxious to try your remedy
by increasing F15. Would be comforting to see some
positive meter movement when transmitting in AM.

As to the manual devoid of the FT100 AM circuit theory
or anything else concerning AM, I'm not surprised
since the techs in Cerritos didn't have clue as to
what to do to stop the negative deflection. The one I
talked to put me on hold and asked some other
people...but still came back empty handed.

Thanks for your thorough explanation. I hope you can
put all this in the FAQ under AM Audio. Its almost a
primer on getting good results while understanding
what is actually going on in the circuit.

73's

John - WB0RLD
--- backhoefade <cgarner@...> wrote:
> That sounds good but I would still try to pump up
> the peak power
> capability by turning up F15 for about 125 Watts or
> so in CW.
> Then go back to AM and set F51 still for the basic
> 25 Watts
> unmodulated. Then you'll have a good amount of
> "overhead" as far as
> PEP goes. Try it. You should see tremendous
> "upward modulation"
> performance. The composite power peaks in the final
> amps will no
> longer starve the fundamental carrier power as both
> of your sidebands
> fill out. Did you try the PRO yet? I use it often.
> Just remember
> that when the PRO is enabled that it controls the
> audio drive level
> to the modulator entirely! Hold in the PRO function
> and then set it

> to the 17 level. You can convince yourself of this
> "override"
> behavior by turning on the PRO, setting it to 17,
> and then going over
> to the standard MIC GAIN setting and setting that to
> ZERO. You will
> then see that your audio drive level is set solely
> by the level
> control "within" the PRO function. It's a shame
> that the users
> manual is completely devoid of info on AM operation.
> Maybe they
> didn't want to have to point out that you have to
> buy the extra 6 kHz
> filter in order to operate AM! Either that or the
> design engineers
> went on to the next project before passing all their
> knowledge to the
> technical publications department! The "design is
> there", the
> operation just isn't clearly described. Sounds
> pretty good once you
> get it right though. Let me know what reports you
> get with the PRO
> on.
> N6AF Chas
>
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Chas,
> > You are exactly correct. I guess I looked at F15,
> and
> > working with the F51 all afternoon, simply saw it
> > incorrectly.
> >
> > I do a lot of 10mtr AM in the car so these AM
> > questions and your very good explanations are very
> > relevant.
> >
> > I have found that when I tune F51 to the 25 watts
> on a
> > wattmeter and watching the SWR meter, I get a lot
> of
> > downward modulation. Goes from 25 resting to about
> 5
> > on audio peaks. On the scope the carrier gets
> pretty
> > thin but the modulation goes up nicely.
> >

> > When F51 it set to about 72 or 73, the resting is
> > about 40, but the downward modulation is much less
> as
> > a percentage. The scope still looks nice, no flat
> > topping on the audio peaks, the carrier has
> increased
> > (as you'd expect) and the wattmeter doesn't
> diminish
> > as much on modulation.
> >
> > Its similar to tuning the old AM transmitters,
> like my
> > Johnson Valiant et al. You need to really "load
> it" to
> > get the best performance. Trying to back off, for
> > instance, to reduce power does not provide for
> best
> > performance (audio) even though the power is less.
> >
> > I seem to get better reports on the audio set at
> the
> > higher number. Set at 62 sometimes gets a report
> of
> > "almost sounds like sideband", because the carrier
> > goes down so much I presume. As long as I keep the
> > carrier at 73, audio gain at 17 and the EQ at 1,
> all
> > seems good.
> >
> > Just an observation from my quest for good AM
> audio
> > reports, Chas.
> >
> > John - WB0RLD
> >
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > Function F51 gets set to about 65; your are
> exactly
> > > correct.
> > > The 165 setting you're referring to must be in
> one
> > > of my posts where
> > > I talk about improving the peak power capability
> in
> > > order to obtain
> > > true "upward modulation". You do that by
> cranking
> > > up F15 (fifteen)

> > > to about 165 or so. It just lets the rig hit a
> peak
> > > output power of
> > > about 140 watts or so. You can set it first in
> CW
> > > (keyer disabled).
> > > Then just follow the method using F51 to set for
> 25
> > > Watts out for the
> > > unmodulated AM carrier. You'll see what I mean
> if
> > > you have an
> > > external Watt meter (I use a Bird). When you
> give
> > > the rig a little
> > > more headroom for peak output power then you
> will
> > > see nice peaks when
> > > you modulate in AM. Let me know how it works
> out.
> > > Also, try the
> > > PROcessor, but remember to just set the level
> > > "within" the PRO
> > > function to 17, just like you set the MIC gain
> when
> > > the PRO is
> > > disabled. I have been told that for the case of
> > > using the processor
> > > in AM mode you should set the MIC DSP to setting
> 1.
> > > That will take
> > > the extreme highs out of the content and temper
> the
> > > overall audio
> > > slightly. Use a monitor receiver with headphones
> to
> > > experiment.
> > > Good luck and have fun!
> > > N6AF Chas
> > >
> > > --- In FT100@y..., John Spiceman
> <jrmorris28@y...>
> > > wrote:
> > > > Chas,
> > > >
> > > > I read your procedure for setting the AM
> carrier
> > > level
> > > > to 25 watts. I guess I'm missing something;
> but,

> > > why
> > > > did you say to initially set it at 165? Mine
> gets
> > > the
> > > > 25 watts at about 66. That seems awfully high.
> > > >
> > > > Does your's actually have to go that high to
> reach
> > > the
> > > > required output? Just curious. I'd be
> interested
> > > in
> > > > what setting other people get their 25 watts
> > > output.
> > > >
> > > > Also should be included is the S/N as one
> would
> > > assume
> > > > that the most likely the same lot number of
> the
> > > > various components was used if S/N's are
> > > close...as
> > > > that seems to be the explanation for such
> varying
> > > > Function Menu values.
> > > >
> > > > John - WB0RLD
> > > >
> > > > --- backhoefade <cgarner@h...> wrote:
> > > > > This is incorrect. The 6 kHz filter is used
> in
>
=== message truncated ===

---------------------------------------------------
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Great stuff seeking new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 11878. Re: [FT100] WSJT Software and the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 06:27:57 UTC
From: John Spiceman
Topic: 11850  Message: 11878

Randy,
With no fan mod, I think it would be in your best
interest to at least do the fan mod where you ground
one of the black fan wires so that there will be
constant slow fan speed during VHF operation.

This can be found in the FAQ or do a search on Files.

John - WB0RLD

--- rphora <rhora@...> wrote:
> I would like to know if anyone has tried their FT100
> using the WSJT
> high speed meteor scatter software on 6 or 2 meters?
> I have a new
> FT100 with no fan mod. The WSJT software requires 1
> minute transmit
> and 1 minute on receive. This is a 50% duty cycle
> but is pretty
> rough on the hardware. I plan to use an external
> 3.5" muffin fan
> blowing on the rear and right side of the rig to
> help cool things off.
> I have also installed the mounting bracket to the
> radio to act as a
> heat sink. The mounting screws on the right side of
> the radio seem
> to help pull heat out of the radio chassis and
> dissipate it to the
> mounting bracket.
>
> Here are the questions:
>
> Has anyone used the rig with WSJT s/w and what were
> the results?
>
> On long VHF transmissions will the fans cycle longer
> than 10 seconds
> in receive mode to cool the PA down?
>
> Has anyone used an external fan to help in keeping
> the radio cool?
>
> Any and all comments are WELCOME!!!
>
> KM5OL (Randy)

>
>
>
>

---------------------------------------------------
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http://auctions.yahoo.com

# 11879. RE: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 07:33:40 UTC
From: Tom Tishken KD4WOV
Topic: 11805  Message: 11879

I measured mine on a Diamond sx1000 (who knows how accurate) and on 10 meter fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came from the factory. I adjusted F51 for 25 watts out on the meter (132 on F51) and I get around 70 watts avg or about 90 watts pep. I also don't have the mic gain set real high (30 with 40 on the processor). I have made many contacts on 10 meter AM while mobile.

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Tuesday, January 29, 2002 11:20 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: am transmit

> That sounds good but I would still try to pump up the peak power
> capability by turning up F15 for about 125 Watts or so in CW.

By doing this are you smoking the CW and/or SSB and especially the FM output really high, or are you just optimizing AM?

I like 10m FM at 100"%" setting, and don't want to try to get 125 or as much as 170w out of a radio rated at 100w!

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11880. Re: Home Built Screwdriver Antenna with FT100 Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 14:39:13 UTC
From: w7kr
Topic: 11841  Message: 11880

Jim,

Do you happen to have any further documentation on the screwdriver antenna interface?? I am considering building one for my antenna but would like a picture of the the board and maybe some construction details if you have them or know where I might get further information.

Also, I have been trying to obtain the "Don Johnson" documents on how to build screwdriver antennas.

Any further information would be greatly appreciated! By the way your installation was very clean!

Thanks,

Jerry Hart - W7KR

--- In FT100@y..., "m0cke" <m0cke@b...> wrote:
> Hi all,
>
> Interested in a screwdriver antenna which will act the same as a
> ATAS on HF but give you 80m (And top band with aditional coil).
> Then look at my home page, I have built my own Screwdriver for
> around £50 and then I added a circuit to allow the FT100 to tune
the
> screwdriver on 10 - 40M and you can manually tune it for operation
> on 80m
>
> http://www.j1mbo.f9.co.uk/m0cke.htm
>
>
>
> I hope you find it of interest...the Antenna is about 3 years old
> and the FT100 & interface is 2 years old.
>
> Regards,
>
> Jim M0CKE

# 11881. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 07:31:59 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11805  Message: 11881

Composite power peaks starving the carrier? Nonsense. Just the positive peaks are hitting the ALC and cutting the gain after the balanced modulator and filter. If the ALC is properly set for 100 watts peak output, and the carrier is properly set for 25 watts. Any ALC action comes from trying to drive the positive peaks to over 100% modulation which means the negative peaks are cutting off and splattering. Setting the ALC for more than 100 watts output is asking for splatter from the PA clipping, to say nothing of shortened life from being overdrive and overheated. Better think about water cooling if you want to run more power in such a small package, air cooling isn't going to do it. And with Yaesu wanting $200 a transistor, I don't think melting PA transistors is a positive outcome, except it stops the splatter.

73, Jerry, K0CQ

--
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# 11882. Re: [FT100] Re: Home Built Screwdriver Antenna with FT100 Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 16:18:29 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 11841  Message: 11882

Don Johnson's book on mobile antennas including details on the screwdriver and its automatic tuner is sold by World Radio Magazine. Probably some radio stores too.

73, Jerry, K0CQ

--
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# 11883. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 16:05:50 UTC
From: Mike May
Topic: 11805  Message: 11883

>

I agree especially about being careful with the finals, especially considering that Motorola sold the FET line and the Co. that bought that line is not producing the MRF255 anymore resulting in a short short supply. I run my FM carrier at 75 to 80 watts and my AM at 20 watts since I have no desire to pay 200 bucks for transistors that Motorola used to charge 35 dollars for a couple of years ago.

Mike WB8VLC/7

> Composite power peaks starving the carrier? Nonsense. Just the
> positive
> peaks are hitting the ALC and cutting the gain after the balanced
> modulator and filter. If the ALC is properly set for 100 watts peak
> output, and the carrier is properly set for 25 watts. Any ALC action
> comes from trying to drive the positive peaks to over 100% modulation
> which means the negative peaks are cutting off and splattering.
> Setting
> the ALC for more than 100 watts output is asking for splatter from the
>
> PA clipping, to say nothing of shortened life from being overdrive and
>
> overheated. Better think about water cooling if you want to run more
> power in such a small package, air cooling isn't going to do it. And
> with Yaesu wanting $200 a transistor, I don't think melting PA
> transistors is a positive outcome, except it stops the splatter.
>
> 73, Jerry, K0CQ
>
> --
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>
>

[Non-text portions of this message have been removed]

# 11884. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 17:21:36 UTC
From: backhoefade
Topic: 11805  Message: 11884

I would be willing to write an addendum for their manual but I'm sure they won't bother with this "old beast". Hopefully future Yaesu rigs will have all the information included in the manuals. I almost suspect that the project got rushed into production before they'd finished all the details. They should have had a thorough final design review and gone through every operational aspect before releasing it. Oh well, we got it going pretty good now! You probably have notice that you have to slightly adjust F51 for higher level at initial turn-on, then drop it back a bit after the rig warms up in order to maintain the 25 Watts out. That "bug" could be corrected.

It's funny because I keep repeating how the processor level control comletely overides the mic gain control when the PRO is enabled. Yet I keep seeing these postings about certain combinations of mic gain and processor setting. When the processor is on you can turn the MIC GAIN to ZERO and see that the audio control is solely via the level control within the PRO function. Related to this, I looked at the envelope and checked the approximate percentage of compression with and without the processor enabled both in SSB and AM. What I found was that the amount of compression is a fixed amount; you can't change it. It is not affected by the PRO level setting at all. All the PRO level setting does is adjust the audio drive level to the balanced modulator in the rig. Even the manual is absolutely incorrect when it describes the "processor setting". It actually states that it changes the compression level which it doesn't. I think the compression level was around 10 dB. I recall my TS-520 had about 14 dB compression. The 10 dB is a very rough guesstimation based on rough calculation of the peak and average power of the envelope for the cases of with versus without the processor enabled.
N6AF Chas
--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> I'm on a business trip right now and don't have access
> to a power meter. I'd love to try it out tonight.
>
> "The composite power peaks starving the carrier" makes
> perfect sense and explains the negative deflection of
> the power meter/SWR bridge. Anxious to try your remedy
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> As to the manual devoid of the FT100 AM circuit theory
> or anything else concerning AM, I'm not surprised
> since the techs in Cerritos didn't have clue as to

> what to do to stop the negative deflection. The one I
> talked to put me on hold and asked some other
> people...but still came back empty handed.
>
> Thanks for your thorough explanation. I hope you can
> put all this in the FAQ under AM Audio. Its almost a
> primer on getting good results while understanding
> what is actually going on in the circuit.
>
> 73's
>
> John - WB0RLD
> --- backhoefade <cgarner@h...> wrote:
> > That sounds good but I would still try to pump up
> > the peak power
> > capability by turning up F15 for about 125 Watts or
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> > unmodulated. Then you'll have a good amount of
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> > behavior by turning on the PRO, setting it to 17,
> > and then going over
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> > went on to the next project before passing all their

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> > N6AF Chas
> >
> >
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> > of
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> > > Just an observation from my quest for good AM
> > audio
> > > reports, Chas.
> > >
> > > John - WB0RLD
> > >
> > >
> > > --- backhoefade <cgarner@h...> wrote:
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> > exactly
> > > > correct.
> > > > The 165 setting you're referring to must be in
> > one
> > > > of my posts where
> > > > I talk about improving the peak power capability
> > in
> > > > order to obtain
> > > > true "upward modulation". You do that by
> > cranking
> > > > up F15 (fifteen)
> > > > to about 165 or so. It just lets the rig hit a
> > peak
> > > > output power of
> > > > about 140 watts or so. You can set it first in
> > CW
> > > > (keyer disabled).
> > > > Then just follow the method using F51 to set for
> > 25
> > > > Watts out for the
> > > > unmodulated AM carrier. You'll see what I mean
> > if
> > > > you have an
> > > > external Watt meter (I use a Bird). When you
> > give
> > > > the rig a little
> > > > more headroom for peak output power then you
> > will

> > > > see nice peaks when
> > > > you modulate in AM. Let me know how it works
> > out.
> > > > Also, try the
> > > > PROcessor, but remember to just set the level
> > > > "within" the PRO
> > > > function to 17, just like you set the MIC gain
> > when
> > > > the PRO is
> > > > disabled. I have been told that for the case of
> > > > using the processor
> > > > in AM mode you should set the MIC DSP to setting
> > 1.
> > > > That will take
> > > > the extreme highs out of the content and temper
> > the
> > > > overall audio
> > > > slightly. Use a monitor receiver with headphones
> > to
> > > > experiment.
> > > > Good luck and have fun!
> > > > N6AF Chas
> > > >
> > > > --- In FT100@y..., John Spiceman
> > <jrmorris28@y...>
> > > > wrote:
> > > > > Chas,
> > > > >
> > > > > I read your procedure for setting the AM
> > carrier
> > > > level
> > > > > to 25 watts. I guess I'm missing something;
> > but,
> > > > why
> > > > > did you say to initially set it at 165? Mine
> > gets
> > > > the
> > > > > 25 watts at about 66. That seems awfully high.
> > > > >
> > > > > Does your's actually have to go that high to
> > reach
> > > > the
> > > > > required output? Just curious. I'd be
> > interested
> > > > in
> > > > > what setting other people get their 25 watts
> > > > output.
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> > > > > Also should be included is the S/N as one
> > would

> > > > assume
> > > > > that the most likely the same lot number of
> > the
> > > > > various components was used if S/N's are
> > > > close...as
> > > > > that seems to be the explanation for such
> > varying
> > > > > Function Menu values.
> > > > >
> > > > > John - WB0RLD
> > > > >
> > > > > --- backhoefade <cgarner@h...> wrote:
> > > > > > This is incorrect. The 6 kHz filter is used
> > in
> >
> === message truncated ===
>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11885. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 17:25:49 UTC
From: backhoefade
Topic: 11805  Message: 11885

When you have the processor on it doesn't make any difference at all where the MIC GAIN is set. You can prove this by turning on the processor, setting it to 17 for AM op, and then going to the MIC GAIN control and dialing it all the way down to ZERO. You will see that your output level is solely controlled by the level setting within the PRO function when the processor is enabled. All the PRO level setting does is set your audio drive level to the rig's balanced modulator when the processor is enabled. In other words it becomes the mic gain control when the processor is enabled. It does not control the level of compression. The percentage compression is a fixed value in this radio.
N6AF Chas

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> I measured mine on a Diamond sx1000 (who knows how accurate) and on 10 meter
> fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came from the
> factory. I adjusted F51 for 25 watts out on the meter (132 on F51) and I get
> around 70 watts avg or about 90 watts pep. I also don't have the mic gain
> set real high (30 with 40 on the processor). I have made many contacts on 10
> meter AM while mobile.
>
> -----Original Message-----
> From: Pres Waterman [mailto:presw@1...]
> Sent: Tuesday, January 29, 2002 11:20 PM
> To: FT100@y...
> Subject: Re: [FT100] Re: am transmit
>
>
>
>
> > That sounds good but I would still try to pump up the peak power
> > capability by turning up F15 for about 125 Watts or so in CW.
>
>
> By doing this are you smoking the CW and/or SSB and especially the FM output
> really high, or are you just optimizing AM?
>
> I like 10m FM at 100"%" setting, and don't want to try to get 125 or as much

> as 170w out of a radio rated at 100w!
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> GO BILLS!
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 11886. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 17:57:21 UTC
From: backhoefade
Topic: 11805  Message: 11886

The "HF 100W" control, F15, increases the maximum output power of the rig. In CW you can adjust it for up to about 150 Watts or so. I don't know if the transmit average power is folding back in AM mode because of ALC action or if this is due to the fundamental power limitation of the PA but what I do know is that if you increase the effective third order intercept of the PA (to put it in those terms) then of course the PA will be able to linearly handle a somewhat higher PEP. The apparent drop in average power as witnessed on a Bird wattmeter in AM disappears when the PA's overhead is increased slightly. The linearity of the PA is compromised on AM voice peaks and adding a bit more peak power capability elminates the compression. As observed on an oscilloscope the AM envelope does not extend beyond 100% modulation. It's a very clean looking envelope. The audio reports on the air are very good.
N6AF Chas

--- In FT100@y..., "Dr. Gerald N. Johnson, electrical engineer" <geraldj@i...> wrote:
> Composite power peaks starving the carrier? Nonsense. Just the positive
> peaks are hitting the ALC and cutting the gain after the balanced
> modulator and filter. If the ALC is properly set for 100 watts peak
> output, and the carrier is properly set for 25 watts. Any ALC action
> comes from trying to drive the positive peaks to over 100% modulation
> which means the negative peaks are cutting off and splattering. Setting
> the ALC for more than 100 watts output is asking for splatter from the
> PA clipping, to say nothing of shortened life from being overdrive and
> overheated. Better think about water cooling if you want to run more
> power in such a small package, air cooling isn't going to do it. And
> with Yaesu wanting $200 a transistor, I don't think melting PA
> transistors is a positive outcome, except it stops the splatter.
>
> 73, Jerry, K0CQ
>
> --
> Entire content copyright Dr. Gerald N. Johnson. Reproduction by
> permission only.

# 11887. RE: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 19:51:31 UTC
From: Tom Tishken KD4WOV
Topic: 11805  Message: 11887

If the Processor is at a fix value that is just like the FT-847. It also is why turning up the processor on SSB only changes your tonal quality of your audio and never really goes into major over drive, which is a good thing if it is set properly. I believe my processor level is a little low, because unless I turn it up to about 50 nobody can tell a difference. here is an experiment set your mic gain to lets say 40 ten set your processor to 40. ask some on the air to give you a report on the difference.

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Wednesday, January 30, 2002 12:22 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: am transmit

I would be willing to write an addendum for their manual but I'm sure they won't bother with this "old beast". Hopefully future Yaesu rigs will have all the information included in the manuals. I almost suspect that the project got rushed into production before they'd finished all the details. They should have had a thorough final design review and gone through every operational aspect before releasing it. Oh well, we got it going pretty good now! You probably have notice that you have to slightly adjust F51 for higher level at initial turn-on, then drop it back a bit after the rig warms up in order to maintain the 25 Watts out. That "bug" could be corrected.

It's funny because I keep repeating how the processor level control comletely overides the mic gain control when the PRO is enabled. Yet I keep seeing these postings about certain combinations of mic gain and processor setting. When the processor is on you can turn the MIC GAIN to ZERO and see that the audio control is solely via the level control within the PRO function. Related to this, I looked at the envelope and checked the approximate percentage of compression with and without the processor enabled both in SSB and AM. What I found was that the amount of compression is a fixed amount; you can't change it. It is not affected by the PRO level setting at all. All the PRO level setting does is adjust the audio drive level to the balanced modulator in the rig. Even the manual is absolutely incorrect when it describes the "processor setting". It actually states that it changes the compression level which it doesn't. I think the compression level was around 10 dB. I recall my TS-520 had about 14 dB compression. The 10 dB is a very rough guesstimation based on rough calculation of the peak and average power of the envelope for the cases of with versus without the processor enabled.
N6AF Chas
--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:

> Chas,
> I'm on a business trip right now and don't have access
> to a power meter. I'd love to try it out tonight.
>
> "The composite power peaks starving the carrier" makes
> perfect sense and explains the negative deflection of
> the power meter/SWR bridge. Anxious to try your remedy
> by increasing F15. Would be comforting to see some
> positive meter movement when transmitting in AM.
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> As to the manual devoid of the FT100 AM circuit theory
> or anything else concerning AM, I'm not surprised
> since the techs in Cerritos didn't have clue as to
> what to do to stop the negative deflection. The one I
> talked to put me on hold and asked some other
> people...but still came back empty handed.
>
> Thanks for your thorough explanation. I hope you can
> put all this in the FAQ under AM Audio. Its almost a
> primer on getting good results while understanding
> what is actually going on in the circuit.
>
> 73's
>
> John - WB0RLD
> --- backhoefade <cgarner@h...> wrote:
> > That sounds good but I would still try to pump up
> > the peak power
> > capability by turning up F15 for about 125 Watts or
> > so in CW.
> > Then go back to AM and set F51 still for the basic
> > 25 Watts
> > unmodulated. Then you'll have a good amount of
> > "overhead" as far as
> > PEP goes. Try it. You should see tremendous
> > "upward modulation"
> > performance. The composite power peaks in the final
> > amps will no
> > longer starve the fundamental carrier power as both
> > of your sidebands
> > fill out. Did you try the PRO yet? I use it often.
> > Just remember
> > that when the PRO is enabled that it controls the
> > audio drive level
> > to the modulator entirely! Hold in the PRO function
> > and then set it
> > to the 17 level. You can convince yourself of this
> > "override"
> > behavior by turning on the PRO, setting it to 17,
> > and then going over

> > to the standard MIC GAIN setting and setting that to
> > ZERO. You will
> > then see that your audio drive level is set solely
> > by the level
> > control "within" the PRO function. It's a shame
> > that the users
> > manual is completely devoid of info on AM operation.
> > Maybe they
> > didn't want to have to point out that you have to
> > buy the extra 6 kHz
> > filter in order to operate AM! Either that or the
> > design engineers
> > went on to the next project before passing all their
> > knowledge to the
> > technical publications department! The "design is
> > there", the
> > operation just isn't clearly described. Sounds
> > pretty good once you
> > get it right though. Let me know what reports you
> > get with the PRO
> > on.
> > N6AF Chas
> >
> >
> > --- In FT100@y..., John Spiceman <jrmorris28@y...>
> > wrote:
> > > Chas,
> > > You are exactly correct. I guess I looked at F15,
> > and
> > > > working with the F51 all afternoon, simply saw it
> > > > incorrectly.
> > > >
> > > > I do a lot of 10mtr AM in the car so these AM
> > > > questions and your very good explanations are very
> > > > relevant.
> > > >
> > > > I have found that when I tune F51 to the 25 watts
> > on a
> > > > wattmeter and watching the SWR meter, I get a lot
> > of
> > > > downward modulation. Goes from 25 resting to about
> > 5
> > > > on audio peaks. On the scope the carrier gets
> > pretty
> > > > thin but the modulation goes up nicely.
> > > >
> > > > When F51 it set to about 72 or 73, the resting is
> > > > about 40, but the downward modulation is much less
> > as
> > > > a percentage. The scope still looks nice, no flat

> > > topping on the audio peaks, the carrier has
> > increased
> > > > (as you'd expect) and the wattmeter doesn't
> > diminish
> > > > as much on modulation.
> > > >
> > > > Its similar to tuning the old AM transmitters,
> > like my
> > > > Johnson Valiant et al. You need to really "load
> > it" to
> > > > get the best performance. Trying to back off, for
> > > > instance, to reduce power does not provide for
> > best
> > > > performance (audio) even though the power is less.
> > >
> > > >
> > > > I seem to get better reports on the audio set at
> > the
> > > > higher number. Set at 62 sometimes gets a report
> > of
> > > > "almost sounds like sideband", because the carrier
> > > > goes down so much I presume. As long as I keep the
> > > > carrier at 73, audio gain at 17 and the EQ at 1,
> > all
> > > > seems good.
> > > >
> > > > Just an observation from my quest for good AM
> > audio
> > > > reports, Chas.
> > > >
> > > > John - WB0RLD
> > > >
> > > >
> > > > --- backhoefade <cgarner@h...> wrote:
> > > > > Function F51 gets set to about 65; your are
> > exactly
> > > > > correct.
> > > > > The 165 setting you're referring to must be in
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> > > > > of my posts where
> > > > > I talk about improving the peak power capability
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> > > > > true "upward modulation". You do that by
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> > > > > up F15 (fifteen)
> > > > > to about 165 or so. It just lets the rig hit a
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> > > > > output power of
> > > > > about 140 watts or so. You can set it first in

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> > > > (keyer disabled).
> > > > Then just follow the method using F51 to set for
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> > > > Watts out for the
> > > > unmodulated AM carrier. You'll see what I mean
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> > > > you have an
> > > > external Watt meter (I use a Bird). When you
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> > > > the rig a little
> > > > more headroom for peak output power then you
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> > > > see nice peaks when
> > > > you modulate in AM. Let me know how it works
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> > > > Also, try the
> > > > PROcessor, but remember to just set the level
> > > > "within" the PRO
> > > > function to 17, just like you set the MIC gain
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> > > > the PRO is
> > > > disabled. I have been told that for the case of
> > > > using the processor
> > > > in AM mode you should set the MIC DSP to setting
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> > > > That will take
> > > > the extreme highs out of the content and temper
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> > > > overall audio
> > > > slightly. Use a monitor receiver with headphones
> > to
> > > > experiment.
> > > > Good luck and have fun!
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> > > > > I read your procedure for setting the AM
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> > > > level
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> > > > > Does your's actually have to go that high to
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> > > > > > This is incorrect. The 6 kHz filter is used
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> === message truncated ===
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>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11888. RE: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 19:53:22 UTC
From: Tom Tishken KD4WOV
Topic: 11805  Message: 11888

yes that is true. I am going to dig out the service manual and see if there
is a setting anywhere for processor level.

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Wednesday, January 30, 2002 12:26 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: am transmit

When you have the processor on it doesn't make any difference at all
where the MIC GAIN is set. You can prove this by turning on the
processor, setting it to 17 for AM op, and then going to the MIC GAIN
control and dialing it all the way down to ZERO. You will see that
your output level is solely controlled by the level setting within
the PRO function when the processor is enabled. All the PRO level
setting does is set your audio drive level to the rig's balanced
modulator when the processor is enabled. In other words it becomes
the mic gain control when the processor is enabled. It does not
control the level of compression. The percentage compression is a
fixed value in this radio.
N6AF Chas

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> I measured mine on a Diamond sx1000 (who knows how accurate) and on
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> fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came
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> factory. I adjusted F51 for 25 watts out on the meter (132 on F51)
and I get
> around 70 watts avg or about 90 watts pep. I also don't have the
mic gain
> set real high (30 with 40 on the processor). I have made many
contacts on 10
> meter AM while mobile.
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> -----Original Message-----
> From: Pres Waterman [mailto:presw@1...]
> Sent: Tuesday, January 29, 2002 11:20 PM
> To: FT100@y...
> Subject: Re: [FT100] Re: am transmit
>
>
>
>
> > That sounds good but I would still try to pump up the peak power
> > capability by turning up F15 for about 125 Watts or so in CW.

>
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> By doing this are you smoking the CW and/or SSB and especially the
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# 11889. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 20:05:03 UTC
From: backhoefade
Topic: 11805  Message: 11889

The main point I was making was that when you enable the PROcessor then you can vary your MIC gain control between ZERO and 100 and it has absolutely no effect. That's because it's completely out of the circuit when the PRO is enabled. See what I mean? Try it. Turn the PRO on, set it to, say 65 in SSB, and turn your MIC GAIN all the way to 0. Then turn the MIC GAIN up to 100. It will have no effect on your transmit signal whatsoever. The PRO level control is simply an independant mic level control that's dedicated to the "PRO ON" mode. When the PRO is off, the MIC GAIN control takes over.

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> If the Processor is at a fix value that is just like the FT-847. It also is
> why turning up the processor on SSB only changes your tonal quality of your
> audio and never really goes into major over drive, which is a good thing if
> it is set properly. I believe my processor level is a little low, because
> unless I turn it up to about 50 nobody can tell a difference. here is an
> experiment set your mic gain to lets say 40 ten set your processor to 40.
> ask some on the air to give you a report on the difference.
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Wednesday, January 30, 2002 12:22 PM
> To: FT100@y...
> Subject: [FT100] Re: am transmit
>
>
> I would be willing to write an addendum for their manual but I'm sure
> they won't bother with this "old beast". Hopefully future Yaesu rigs
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> suspect that the project got rushed into production before they'd
> finished all the details. They should have had a thorough final
> design review and gone through every operational aspect before
> releasing it. Oh well, we got it going pretty good now! You
> probably have notice that you have to slightly adjust F51 for higher
> level at initial turn-on, then drop it back a bit after the rig warms
> up in order to maintain the 25 Watts out. That "bug" could be

> corrected.
>
> It's funny because I keep repeating how the processor level control
> comletely overides the mic gain control when the PRO is enabled.
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> control within the PRO function. Related to this, I looked at the
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> and without the processor enabled both in SSB and AM. What I found
> was that the amount of compression is a fixed amount; you can't
> change it. It is not affected by the PRO level setting at all. All
> the PRO level setting does is adjust the audio drive level to the
> balanced modulator in the rig. Even the manual is absolutely
> incorrect when it describes the "processor setting". It actually
> states that it changes the compression level which it doesn't. I
> think the compression level was around 10 dB. I recall my TS-520
had
> about 14 dB compression. The 10 dB is a very rough guesstimation
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> envelope for the cases of with versus without the processor enabled.
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> > "The composite power peaks starving the carrier" makes
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> > put all this in the FAQ under AM Audio. Its almost a
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> > 73's
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> > John - WB0RLD

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> > > longer starve the fundamental carrier power as both
> > > of your sidebands
> > > fill out. Did you try the PRO yet? I use it often.
> > > Just remember
> > > that when the PRO is enabled that it controls the
> > > audio drive level
> > > to the modulator entirely! Hold in the PRO function
> > > and then set it
> > > to the 17 level. You can convince yourself of this
> > > "override"
> > > behavior by turning on the PRO, setting it to 17,
> > > and then going over
> > > to the standard MIC GAIN setting and setting that to
> > > ZERO. You will
> > > then see that your audio drive level is set solely
> > > by the level
> > > control "within" the PRO function. It's a shame
> > > that the users
> > > manual is completely devoid of info on AM operation.
> > > Maybe they
> > > didn't want to have to point out that you have to
> > > buy the extra 6 kHz
> > > filter in order to operate AM! Either that or the
> > > design engineers
> > > went on to the next project before passing all their
> > > knowledge to the
> > > technical publications department! The "design is
> > > there", the
> > > operation just isn't clearly described. Sounds
> > > pretty good once you
> > > get it right though. Let me know what reports you
> > > get with the PRO
> > > on.
> > > N6AF Chas
> > >
> > >
> > > --- In FT100@y..., John Spiceman <jrmorris28@y...>

> > > wrote:
> > > > Chas,
> > > > You are exactly correct. I guess I looked at F15,
> > > and
> > > > working with the F51 all afternoon, simply saw it
> > > > incorrectly.
> > > >
> > > > I do a lot of 10mtr AM in the car so these AM
> > > > questions and your very good explanations are very
> > > > relevant.
> > > >
> > > > I have found that when I tune F51 to the 25 watts
> > > on a
> > > > wattmeter and watching the SWR meter, I get a lot
> > > of
> > > > downward modulation. Goes from 25 resting to about
> > > 5
> > > > on audio peaks. On the scope the carrier gets
> > > pretty
> > > > thin but the modulation goes up nicely.
> > > >
> > > > When F51 it set to about 72 or 73, the resting is
> > > > about 40, but the downward modulation is much less
> > > as
> > > > a percentage. The scope still looks nice, no flat
> > > > topping on the audio peaks, the carrier has
> > > increased
> > > > (as you'd expect) and the wattmeter doesn't
> > > diminish
> > > > as much on modulation.
> > > >
> > > > Its similar to tuning the old AM transmitters,
> > > like my
> > > > Johnson Valiant et al. You need to really "load
> > > it" to
> > > > get the best performance. Trying to back off, for
> > > > instance, to reduce power does not provide for
> > > best
> > > > performance (audio) even though the power is less.
> > >
> > > >
> > > > I seem to get better reports on the audio set at
> > > the
> > > > higher number. Set at 62 sometimes gets a report
> > > of
> > > > "almost sounds like sideband", because the carrier
> > > > goes down so much I presume. As long as I keep the
> > > > carrier at 73, audio gain at 17 and the EQ at 1,
> > > all
> > > > seems good.

> > > >
> > > > Just an observation from my quest for good AM
> > > audio
> > > > reports, Chas.
> > > >
> > > > John - WB0RLD
> > > >
> > > >
> > > > --- backhoefade <cgarner@h...> wrote:
> > > > > Function F51 gets set to about 65; your are
> > > exactly
> > > > > correct.
> > > > > The 165 setting you're referring to must be in
> > > one
> > > > > of my posts where
> > > > > I talk about improving the peak power capability
> > > in
> > > > > order to obtain
> > > > > true "upward modulation". You do that by
> > > cranking
> > > > > up F15 (fifteen)
> > > > > to about 165 or so. It just lets the rig hit a
> > > peak
> > > > > output power of
> > > > > about 140 watts or so. You can set it first in
> > > CW
> > > > > (keyer disabled).
> > > > > Then just follow the method using F51 to set for
> > > 25
> > > > > Watts out for the
> > > > > unmodulated AM carrier. You'll see what I mean
> > > if
> > > > > you have an
> > > > > external Watt meter (I use a Bird). When you
> > > give
> > > > > the rig a little
> > > > > more headroom for peak output power then you
> > > will
> > > > > see nice peaks when
> > > > > you modulate in AM. Let me know how it works
> > > out.
> > > > > Also, try the
> > > > > PROcessor, but remember to just set the level
> > > > > "within" the PRO
> > > > > function to 17, just like you set the MIC gain
> > > when
> > > > > the PRO is
> > > > > disabled. I have been told that for the case of
> > > > > using the processor
> > > > > in AM mode you should set the MIC DSP to setting

> > > 1.
> > > > > That will take
> > > > > the extreme highs out of the content and temper
> > > the
> > > > > overall audio
> > > > > slightly. Use a monitor receiver with headphones
> > > to
> > > > > experiment.
> > > > > Good luck and have fun!
> > > > > N6AF Chas
> > > > >
> > > > > --- In FT100@y..., John Spiceman
> > > <jrmorris28@y...>
> > > > > wrote:
> > > > > > Chas,
> > > > > >
> > > > > > I read your procedure for setting the AM
> > > carrier
> > > > > level
> > > > > > to 25 watts. I guess I'm missing something;
> > > but,
> > > > > why
> > > > > > did you say to initially set it at 165? Mine
> > > gets
> > > > > the
> > > > > > 25 watts at about 66. That seems awfully high.
> > > > > >
> > > > > > Does your's actually have to go that high to
> > > reach
> > > > > the
> > > > > > required output? Just curious. I'd be
> > > interested
> > > > > in
> > > > > > what setting other people get their 25 watts
> > > > > output.
> > > > > >
> > > > > > Also should be included is the S/N as one
> > > would
> > > > > assume
> > > > > > that the most likely the same lot number of
> > > the
> > > > > various components was used if S/N's are
> > > > > close...as
> > > > > > that seems to be the explanation for such
> > > varying
> > > > > > Function Menu values.
> > > > > >
> > > > > > John - WB0RLD
> > > > > >
> > > > > > --- backhoefade <cgarner@h...> wrote:

> > > > > > > This is incorrect. The 6 kHz filter is used
> > > in
> > >
> > === message truncated ===
> >
> >
> > _____
> > Do You Yahoo!?
> > Great stuff seeking new owners in Yahoo! Auctions!
> > http://auctions.yahoo.com
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 11890. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 20:10:05 UTC
From: backhoefade
Topic: 11805  Message: 11890

The manual is actually completely incorrect where it describes the processor control setting. I think it might be in the section where they have the brief description of each menu item. They claim that it allows you to set the level of compression, which simply isn't true. So not only is the manual virtually devoid of specific operating info for AM mode, it's incorrect when it describes the processor controls. I think this is just an example of a product rushed to market without the benefit of a final complete detailed design review. Some preliminary information went from engineering into the Tech Pub department and never got updated before they released the manual.

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> yes that is true. I am going to dig out the service manual and see if there
> is a setting anywhere for processor level.
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Wednesday, January 30, 2002 12:26 PM
> To: FT100@y...
> Subject: [FT100] Re: am transmit
>
>
> When you have the processor on it doesn't make any difference at all
> where the MIC GAIN is set. You can prove this by turning on the
> processor, setting it to 17 for AM op, and then going to the MIC GAIN
> control and dialing it all the way down to ZERO. You will see that
> your output level is solely controlled by the level setting within
> the PRO function when the processor is enabled. All the PRO level
> setting does is set your audio drive level to the rig's balanced
> modulator when the processor is enabled. In other words it becomes
> the mic gain control when the processor is enabled. It does not
> control the level of compression. The percentage compression is a
> fixed value in this radio.
> N6AF Chas
>
> --- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> > I measured mine on a Diamond sx1000 (who knows how accurate) and on
> 10 meter
> > fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came
> from the
> > factory. I adjusted F51 for 25 watts out on the meter (132 on F51)

> and I get
> > around 70 watts avg or about 90 watts pep. I also don't have the
> mic gain
> > set real high (30 with 40 on the processor). I have made many
> contacts on 10
> > meter AM while mobile.
> >
> > -----Original Message-----
> > From: Pres Waterman [mailto:presw@1...]
> > Sent: Tuesday, January 29, 2002 11:20 PM
> > To: FT100@y...
> > Subject: Re: [FT100] Re: am transmit
> >
> >
> >
> >
> > > That sounds good but I would still try to pump up the peak power
> > > capability by turning up F15 for about 125 Watts or so in CW.
> >
> >
> > By doing this are you smoking the CW and/or SSB and especially the
> FM output
> > really high, or are you just optimizing AM?
> >
> > I like 10m FM at 100"%" setting, and don't want to try to get 125
> or as much
> > as 170w out of a radio rated at 100w!
> >
> > Pres Waterman, W2PW
> > c/o Patchogue 112 Ford//Kia 112
> > Long Island Ford and Kia Dealer
> >
> > GO BILLS!
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>
>
> Post message: FT100@y...

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# 11891. RE: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 20:28:11 UTC
From: Tom Tishken KD4WOV
Topic: 11805  Message: 11891

Yes that is correct and I agree, but there must be a way to change this level just as in the FT-847 the adjustment is internal not software. I have to dig out the service manual to see if they have any thing listed in there.

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Wednesday, January 30, 2002 3:10 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: am transmit

The manual is actually completely incorrect where it describes the processor control setting. I think it might be in the section where they have the brief description of each menu item. They claim that it allows you to set the level of compression, which simply isn't true. So not only is the manual virtually devoid of specific operating info for AM mode, it's incorrect when it describes the processor controls. I think this is just an example of a product rushed to market without the benefit of a final complete detailed design review. Some preliminary information went from engineering into the Tech Pub department and never got updated before they released the manual.

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> yes that is true. I am going to dig out the service manual and see if there
> is a setting anywhere for processor level.
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Wednesday, January 30, 2002 12:26 PM
> To: FT100@y...
> Subject: [FT100] Re: am transmit
>
>
> When you have the processor on it doesn't make any difference at all
> where the MIC GAIN is set. You can prove this by turning on the
> processor, setting it to 17 for AM op, and then going to the MIC GAIN
> control and dialing it all the way down to ZERO. You will see that
> your output level is solely controlled by the level setting within
> the PRO function when the processor is enabled. All the PRO level
> setting does is set your audio drive level to the rig's balanced
> modulator when the processor is enabled. In other words it becomes
> the mic gain control when the processor is enabled. It does not
> control the level of compression. The percentage compression is a
> fixed value in this radio.

> N6AF Chas
>
> --- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> > I measured mine on a Diamond sx1000 (who knows how accurate) and
on
> 10 meter
> > fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came
> from the
> > factory. I adjusted F51 for 25 watts out on the meter (132 on F51)
> and I get
> > around 70 watts avg or about 90 watts pep. I also don't have the
> mic gain
> > set real high (30 with 40 on the processor). I have made many
> contacts on 10
> > meter AM while mobile.
> >
> > -----Original Message-----
> > From: Pres Waterman [mailto:presw@1...]
> > Sent: Tuesday, January 29, 2002 11:20 PM
> > To: FT100@y...
> > Subject: Re: [FT100] Re: am transmit
> >
> >
> >
> >
> > > That sounds good but I would still try to pump up the peak power
> > > capability by turning up F15 for about 125 Watts or so in CW.
> >
> >
> > By doing this are you smoking the CW and/or SSB and especially the
> FM output
> > really high, or are you just optimizing AM?
> >
> > I like 10m FM at 100"%" setting, and don't want to try to get 125
> or as much
> > as 170w out of a radio rated at 100w!
> >
> > Pres Waterman, W2PW
> > c/o Patchogue 112 Ford//Kia 112
> > Long Island Ford and Kia Dealer
> >
> > GO BILLS!
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html

> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
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>
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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# 11892. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 20:53:55 UTC
From: backhoefade
Topic: 11805  Message: 11892

Been that route. I have the service manual and there's no mention about it. My guess is the implementation is in DSP so it's out of reach in this rig. That would be great if you find something but I'd be surprised. I'll take another look at the SD but I think the function's buried away in an FPGA or ASIC.

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> Yes that is correct and I agree, but there must be a way to change this
> level just as in the FT-847 the adjustment is internal not software. I have
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> From: backhoefade [mailto:cgarner@h...]
> Sent: Wednesday, January 30, 2002 3:10 PM
> To: FT100@y...
> Subject: [FT100] Re: am transmit
>
>
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> >
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Wednesday, January 30, 2002 12:26 PM
> > To: FT100@y...
> > Subject: [FT100] Re: am transmit
> >
> >

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all
> > where the MIC GAIN is set. You can prove this by turning on the
> > processor, setting it to 17 for AM op, and then going to the MIC
> GAIN
> > control and dialing it all the way down to ZERO. You will see
that
> > your output level is solely controlled by the level setting within
> > the PRO function when the processor is enabled. All the PRO level
> > setting does is set your audio drive level to the rig's balanced
> > modulator when the processor is enabled. In other words it
becomes
> > the mic gain control when the processor is enabled. It does not
> > control the level of compression. The percentage compression is a
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> > N6AF Chas
> >
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> > > fm I get 100 watts, cw 135 Pep, SSB 110 pep. That is how it came
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> > > factory. I adjusted F51 for 25 watts out on the meter (132 on
F51)
> > and I get
> > > around 70 watts avg or about 90 watts pep. I also don't have the
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> > > set real high (30 with 40 on the processor). I have made many
> > contacts on 10
> > > meter AM while mobile.
> > >
> > > -----Original Message-----
> > > From: Pres Waterman [mailto:presw@1...]
> > > Sent: Tuesday, January 29, 2002 11:20 PM
> > > To: FT100@y...
> > > Subject: Re: [FT100] Re: am transmit
> > >
> > >
> > >
> > >
> > > > That sounds good but I would still try to pump up the peak
power
> > > > capability by turning up F15 for about 125 Watts or so in CW.
> > >
> > >
> > > By doing this are you smoking the CW and/or SSB and especially
the
> > FM output
> > > really high, or are you just optimizing AM?

> > >
> > > I like 10m FM at 100"%" setting, and don't want to try to get
125
> > or as much
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> > >
> > > Pres Waterman, W2PW
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> > >
> > >
> > > Post message: FT100@y...
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> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
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# 11893. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 17:55:37 UTC
From: lhlousek
Topic: 11805  Message: 11893

Running 75 W instead of 100W is a reduction of output of 1.2 dB or about 1/5 of an S unit which will be totally imperceptible on the receiving end. The question is, will running at 75 W instead of 100 W have a significant effect on the lifetime or failure rate of the radio. I tend to think it will but have no data or experience to support that feeling.

Lowering the device temperature usually helps so either fan mod (resistor or thermal switch) should be beneficial in that regard. One thing I notice about the radio is that it doesn't have a lot of air intake area and the fans are working against the resistance to flow caused by the restricted inlet area. This also seems to be the case in my FT1000MP MkV and even in its separate power supply. In the case of the MkV supply I could lift the cover a little a hear the fan slow down and become quieter as it moved more air. The supply always runs cool so I added a resistor to slow down the fan to make it quieter. I wonder if there'd be any benefit to adding some ventilation to the FT100.

Lou W7DZN

----- Original Message -----
From: "Mike May" <mike.may@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, January 30, 2002 8:05 AM
Subject: Re: [FT100] Re: am transmit

> >
>
> I agree especially about being careful with the finals, especially
> considering that Motorola sold the FET line and the Co. that bought that
> line is not producing the MRF255 anymore resulting in a short short
> supply. I run my FM carrier at 75 to 80 watts and my AM at 20 watts
> since I have no desire to pay 200 bucks for transistors that Motorola
> used to charge 35 dollars for a couple of years ago.
>
>
> Mike WB8VLC/7
>

# 11894. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 20:27:50 UTC
From: n4aiw@aol.com
Topic: 11805  Message: 11894

amen,amen,amen. the 100d was the first rig ive bought that came out of the box
pulling 23 amps on am. i had to go into the po setting and back off on it, i then
brought it up until it worked right in all the modes. this should have been done at the
factory. i don't know why some people think that you are supposed to have forward
power on a constant carrier.
73s cul N4AIW

# 11895. Re: [FT100] intermittent transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 17:21:41 UTC
From: KB5VZC
Topic: 11862  Message: 11895

Thanks Paul, I was experimenting with the auto ID when my radio starting acting up. and now the auto id doesn't appear to be working. Will try it again later. Glad to know that changing mikes took care of the problem. I ordered a new mike from HRO and have it on hand if I need it.

73s jerry
----- Original Message -----
From: Pablo
To: FT100@yahoogroups.com
Sent: Tuesday, January 29, 2002 3:57 PM
Subject: Re: [FT100] intermittent transmissions

Hey Jerry.... No I was not. When the unit was returned from the Yaesu folks, after the standard mod's were performed, it performed OK for about 10 minutes, then started intermittently transmitting every 2/3 seconds. I was able to resolve the problem by substituting a friends mic. So....the mic is on it's way to Cerritos. Wish all problems could be solved so easily.....Paul

KB5VZC wrote:

> Paul, on this problem were you using the auto ID just before the rig
> started the intermittent transmissions?
>
> jerry
> ----- Original Message -----
> From: birddog73162
> To: FT100@yahoogroups.com
> Sent: Friday, January 25, 2002 8:32 PM
> Subject: [FT100] (unknown)
>
>
>
> I received my FT-100D today from the Yaesu people after they
> repaired
> (under warranty) the standard SWR, heating and garbled RX audio
> problems. Turn around time in total was 5 weeks. The invoice
> returned
> with the unit had a "declared value" of $1,699.00. I assume this was
>
> their internal cost for repair. A person could buy two new FT-100's
> for that sum.
>
> In addition to the standard mods discussed in this group, they also
> replaced two rotary encoders, an IC, did "AM REPAIRS" and a total
> realignment. I just got through trying to test the unit and it will

> intermittently transmits every 2 seconds, by itself, with the
> microphone attached. This problem ceases when the mic is detached.
> The mic worked fine at the time I sent the unit to Cerritos.
>
> I can't imagine what I might be doing wrong and must assume the
> Yaesu
> let this out of their shop without a thorough test. I have listened
> for the most part to the comments in this group and have been amazed
>
> at the Yaesu group giving the ham community the quality of product
> and service I have heard about and am now experiencing. I don't want
>
> to rush to judgement on Yaesu products, but so far the "sailing" had
>
> been through rough seas.
>
> I am going to try a substitute mic tomorrow and see if that makes a
> difference. Other than that, I am at a loss for ideas. Anyone out
> there have suggestions.....Disillusioned in Oklahoma, Paul KD5KCZ
>
>
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
>
> [Non-text portions of this message have been removed]
>
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---

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

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---

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 11896. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 23:03:45 UTC
From: backhoefade
Topic: 11805  Message: 11896

Of course you have an increase in peak power when you modulate in AM. The fundamental structure of an AM waveform is a carrier voltage phasor with a reference value of unity plus two sideband voltage phasors, each having a value of one half that of the carrier phasor, given that the modulation is 100%. As the two sideband phasors rotate, one clock-wise and the other counter-clock-wise with respect to the reference carrier phasor at the modulation frequency they will combine with the carrier phasor at one point where they entirely cancel the carrier (that's where you see the envelope pinch down to zero vertical deflection on a scope) and at another point they will combine in phase with the carrier phasor yielding a resultant voltage phasor which is precisely two times the magnitude of the carrier phasor (the widest part of the observed envelope).
Since power gain (dB)= 20xlog(V2/V1), where in this case V1 is the carrier phasor value and V2=2xV1 is the peak resultant phasor, the power gain (or increase) is simply 20log(2) or 6 dB. That all just says that the PEP value of a 100% modulated AM waveform will be 4 times or 6 dB greater than the unmodulated carrier power. If you want to call that "forward power" be my guest, the bottom line mathematically is that you have a 6 dB peak envelope power in AM with respect to the unmodulated carrier power.
N6AF Chas

--- In FT100@y..., n4aiw@a... wrote:
> amen,amen,amen. the 100d was the first rig ive bought that came out of the
> box
> pulling 23 amps on am. i had to go into the po setting and back off on it, i
> then
> brought it up until it worked right in all the modes. this should have been
> done at the
> factory. i don't know why some people think that you are supposed to have
> forward
> power on a constant carrier.
> 73s cul N4AIW

# 11897. CQ serenade

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-30 22:49:26 UTC
From: lhlousek
Topic: 11897  Message: 11897

For you CW fans out there here's and Real Audio clip you just gotta listen to:

http://www3.sympatico.ca/ddufault/cq-serenade/cq_serenade-en.ra

dahdidahdit dahdahdidah makes me feel so la de dah.

Lou W7DZN

# 11898. Pin outs for an amp?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 01:42:47 UTC
From: Bob Evans
Topic: 11898  Message: 11898

Sorry to bother the group with another stupid question, but my replacement instruction manual has not arrived yet and I need to hook up an amp. Can anyone tell me the 2 pins I need to connect to in order key the relay of an external amp? I think it must be in the mini DIN pigtail, but I'm not sure.

Thanks,

Bob Evans, K5WA

# 11899. Files area re-organization

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 06:54:34 UTC
From: Lee Devlin
Topic: 11847  Message: 11899

Thanks to a conversation I had with Pres where he explained how he organized the FT817 group files, I decided to clean up the files section. Specifically, I put the various files into categories as follows:

FAQ
ATAS-100
Accessories
CAT
Documentation
Measurements
Mobile Installations
Modifications

I didn't remove anything and I apologize in advance if I miscategorized any of the information. It can always be moved around if necessary. In the future, I'd ask that you upload files into an appropriate category and if you are uploading multiple files or pictures, please put them into a descriptive folder.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://auctions.yahoo.com

# 11900. RE: [FT100] Files area re-organization

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 06:59:44 UTC
From: Tom Tishken KD4WOV
Topic: 11847  Message: 11900

thanks Lee, I think it will make it much easier to find things. Keep up the good work.

Pres is a smart(wise) man, maybe you need to give him a raise (hmmm 2 x 0=?).

-----Original Message-----
From: Lee Devlin [mailto:lee810@...]
Sent: Thursday, January 31, 2002 1:55 AM
To: FT100@yahoogroups.com
Subject: [FT100] Files area re-organization

Thanks to a conversation I had with Pres where he explained how he organized the FT817 group files, I decided to clean up the files section. Specifically, I put the various files into categories as follows:

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I didn't remove anything and I apologize in advance if I miscategorized any of the information. It can always be moved around if necessary. In the future, I'd ask that you upload files into an appropriate category and if you are uploading multiple files or pictures, please put them into a descriptive folder.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 11901. Message for Ken N9CV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 08:09:22 UTC
From: YU1AA - A.Antic
Topic: 11901  Message: 11901

Hi Ken,

Very fun e-mail adress, :-)))

73, yu1aa

> The original message was received at Wed, 30 Jan 2002 17:04:13 +0100
> from root@localhost
>
> ----- The following addresses had permanent fatal errors -----
> kgb@...
>
> Subject: Info please
> Date: Wed, 30 Jan 2002 17:03:56 +0100
> From: "YU1AA - A.Antic" <yu1aa@...>
> To: kgb@...
>
> Dear Ken - N9CV,
>
> I have just read your message on the FT100 E-mail list. My wish is to contact
> Ms. K. Tazawa from Vertex Standard co, LTD, so I need his E-mail adress. I would
> be very grateful to you if you send me his adress.
>
> Many greetings from Belgrade - Yugoslavia.
>
> 73-Alek, YU1AA mailto:yu1aa@..., http://www.yu1aa.com

[Non-text portions of this message have been removed]

# 11902. Re: CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 13:30:39 UTC
From: k4ec
Topic: 11821  Message: 11902

--- In FT100@y..., "David D. Crockett" <ddc@i...> wrote:
>
> I am looking for a source of recommended CAT software for the
FT100. Any
> suggestions?
>
> 73,
>
> Dave, WA9ZCE
> (email: wa9zce@a...)

Dave:

I ran across a CAT program called FTBasic. It is designed for FT-817
but also works on FT-100. Cost $22.50

I have not tried it.

Try this link for a review by eham.net

http://www.eham.net/reviews/detail/1585

More Info at

http://dspace.dial.pipex.com/town/avenue/aci07/polarplot/ftbasic.shtml

Good Luck!!

73

Frank, K4EC
k4ec@...

# 11903. Re: [FT100] Files area re-organization

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 14:26:40 UTC
From: Pres Waterman
Topic: 11847  Message: 11903

> Thanks to a conversation I had with Pres where he
> explained how he organized the FT817 group files, I
> decided to clean up the files section. Specifically,

Wow. Having done this with FT817 group, with LESS than we have here to deal with, I can say this was a BIG job to do. Thanks, Lee

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 11904. need help, this is for your benefit!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 09:45:47 UTC
From: Ham_Tech@juno.com
Topic: 11904  Message: 11904

Hi everyone,

I got the FT100 Operator's Manual and the FC-20 Service Manual.

I am working on the Tuning Circuit...

A. I need to know what Tx InH is for?? Does it provide a Logical 1 at +5V when the TUN button is pushed??

B. I also need you to test if you can, what comes out of these Band Data pigtail pins when; the FC-20 is selected by the menus; the TUN button is pushed??
-specify the voltages for each pin:
1
3
4
5
7
8
C. What are the diferences between pins (3,6 - GND) and (2 - TX GND)??

D. Is pin 1; which is 13.5VDC; constant or is it only on when the TUN is pushed??

E. Does pin 7; RESET; supply a Logical 1 at +5V when pin 4 (Data In) senses a low VSWR or does it sense a logical 0 or 1 for the signal??

I would appreciate answers to all these questions.

Daniel

---
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http://dl.www.juno.com/get/web/.

# 11905. Re: Pin outs for an amp?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 16:51:49 UTC
From: backhoefade
Topic: 11898  Message: 11905

Sorry - I'm at work so I can't give you the detailed info but I can tell you a couple things. First, it's not in the DIN pigtail. It's one of the mini-jacks on the back. As you face the front of the rig it is one of the jacks on the left side on the rear panel.
Second, be careful that you aren't trying to key a control circuit with a high voltage sitting on it. The relay driver in the FT-100D is an open collector device rated for (I believe) 50 Volts maximum. I use an SB-220 with my FT-100D. The amp has a 120 Volt relay control voltage sitting on it so I had to install the Harbach relay interface in the amp. Works perfectly. $20 at the Harbach website.
N6AF Chas

--- In FT100@y..., "Bob Evans" <bevans@h...> wrote:
> Sorry to bother the group with another stupid question, but my replacement
> instruction manual has not arrived yet and I need to hook up an amp. Can
> anyone tell me the 2 pins I need to connect to in order key the relay of an
> external amp? I think it must be in the mini DIN pigtail, but I'm not sure.
>
> Thanks,
>
> Bob Evans, K5WA

# 11906. IF and DSP fitlers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 15:50:08 UTC
From: lhlousek
Topic: 11906  Message: 11906

As I've done for many rigs, I looked at the filter characteristics of my FT100D with audio spectrum analyzer software. The 2400 and 500 Hz filters are somewhat wider than specified which is how they sound compared to other rigs.

The DSP high and low pass have sloped cutoffs rather than the brick wall typical of all other DSP filters I looked at. On CW the 240 Hz DSP BPF does pretty much what you'd expect but selecting 120 or 60 Hz only adds attenuation. They do not significantly narrow the pass band below the 240 Hz setting. This seems like weird behavior for a DSP filter. Has anybody else seen this behavior?

Lou W7DZN

# 11907. Re: CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 15:55:15 UTC
From: k4ec
Topic: 11821  Message: 11907

Dave:

I found a better program designed speicifically for the FT-100

CAT100 (by Bob Hillard, WA6UFQ)

Try http://b.hillard.home.att.net/ft100.html

73

Frank, K4EC

# 11908. FT100D service manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 16:55:50 UTC
From: lhlousek
Topic: 11908  Message: 11908

I just got a FT100 service manual from HRO and they say that there is no updated service manual for the D version. Assuming this is true, is there any source of technical info on the D, like a manual supplement or something available?

Lou W7DZN

# 11909. Re: IF and DSP fitlers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 19:58:26 UTC
From: backhoefade
Topic: 11906  Message: 11909

I can hear the difference between the 60, 120 and 240 Hz CW filter. The 60 Hz is definitely sharper the others. There is a bit of additional attenuation but it's clearly narrower. Guess it's all in the ear of the beholder.

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> As I've done for many rigs, I looked at the filter characteristics of my FT100D
> with audio spectrum analyzer software. The 2400 and 500 Hz filters are somewhat
> wider than specified which is how they sound compared to other rigs.
>
> The DSP high and low pass have sloped cutoffs rather than the brick wall typical
> of all other DSP filters I looked at. On CW the 240 Hz DSP BPF does pretty much
> what you'd expect but selecting 120 or 60 Hz only adds attenuation. They do not
> significantly narrow the pass band below the 240 Hz setting. This seems like
> weird behavior for a DSP filter. Has anybody else seen this behavior?
>
> Lou W7DZN

# 11910. Re: FT100D service manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 20:01:41 UTC
From: backhoefade
Topic: 11908  Message: 11910

You're looking at it!
What I mean is the answer is no. I've not seen anything other than the service manual. Most of your operational questions can be answered here on this web-site.

I wish there was a line into the Yaesu engineering dept and they had some engineering/ham nut who had a real hobby interest in the rig but also was a key designer. On the other hand, management wouldn't want him saying much, since then we'd all hear first hand about the shortcomings of the rig.

This website is one of you best info sources.

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I just got a FT100 service manual from HRO and they say that there is no updated
> service manual for the D version. Assuming this is true, is there any source of
> technical info on the D, like a manual supplement or something available?
>
> Lou W7DZN

# 11911. Re: [FT100] Re: IF and DSP fitlers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 20:43:43 UTC
From: lhlousek
Topic: 11906  Message: 11911

<<Guess it's all in the ear of the beholder.>>

I agree. It wasn't that obvious until I put in on the spectrum analyzer and could clearly see what was happening. If you want to try it, all it takes is a PC and a soundcard. The software is called Spectrogram and is available for free download from:

http://www.visualizationsoftware.com/gram.html

It will run for 10 minutes an unlimited number of times but if you want it to keep running it costs $20. It has a number of display styles including a waterfall display but the most useful for these purpose is the regular spectrum analyzer type. It's really pretty slick for seeing exactly what your filters are doing, what the effects of shift and width controls are and comparing different rigs.

Lou W7DZN

# 11912. Re: [FT100] Re: FT100D service manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 20:48:36 UTC
From: lhlousek
Topic: 11908  Message: 11912

<<You're looking at it!>>

Yep. I found this website to be a great resource and I appreciate all the effort that has gone into getting it going and organizing it. We would surely be lost if we had to rely on only Yaesu customer service for information or help.

Lou W7DZN

# 11913. Re: [FT100] FT100D service manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-01-31 19:45:36 UTC
From: france antelme
Topic: 11908  Message: 11913

Lou,

Just ordered the FT100D service manual from Yaesu.They
say they are back ordered due to an update currently
in progress and expect to have the manuals in-house in
early march

-France K6QO-

--- lhlousek <lhlousek@...> wrote:
> I just got a FT100 service manual from HRO and they
> say that there is no updated
> service manual for the D version. Assuming this is
> true, is there any source of
> technical info on the D, like a manual supplement or
> something available?
>
> Lou W7DZN
>
>
>
>

_____
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# 11914. Re: FT100D service manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 00:58:36 UTC
From: backhoefade
Topic: 11908  Message: 11914

Seems to me that for us who were sold the FT-100 manual when we ordered a "D" manual, we should get a free "D" manual update. Maybe I should order a manual on basic English grammar while I'm at it??

--- In FT100@y..., france antelme <france0308@y...> wrote:
> Lou,
>
> Just ordered the FT100D service manual from Yaesu.They
> say they are back ordered due to an update currently
> in progress and expect to have the manuals in-house in
> early march
>
> -France K6QO-
>
> --- lhlousek <lhlousek@n...> wrote:
> > I just got a FT100 service manual from HRO and they
> > say that there is no updated
> > service manual for the D version. Assuming this is
> > true, is there any source of
> > technical info on the D, like a manual supplement or
> > something available?
> >
> > Lou W7DZN
> >
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11915. Nice quiet fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 01:14:33 UTC
From: Bob Evans
Topic: 11915  Message: 11915

Guys,

I hadn't pulled my rig out of its trunk mount in 18 months and never noticed that the fans were getting noisey on high speed; slow speed seemed fine. I was thinking about oiling them up, but in the back of my mind, I seemed to remember that oil and electrical fans were probably not a good mix. So I decided to just simply tighten up the 4 screws on each fans since I noticed they seemed loose. Viola!! Nice quiet fans! They must have just loosened up over time with the temp swings and bumps riding in my trunk. It's nice having a "new" radio again.

Bob Evans, K5WA

P.S. There's probably a previous post that says the same thing, but I don't always get a chance to read each post. By the way, I'll be looking for CW mobile U.S. FT-100s during the ARRL DX CW contest as ZF1A! Gimme a shout.

# 11916. Re: [FT100] need help, this is for your benefit!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 13:41:38 UTC
From: Lee Devlin
Topic: 11904  Message: 11916

I've included a new page in the FAQ to help explain this pigtail connector. It's linked at the bottom of http://k0lee.com/ft100faq.html#banddata or you can go right to it at:
http://k0lee.com/banddata.htm

--- Ham_Tech@... wrote:
> Hi everyone,
>
> I got the FT100 Operator's Manual and the FC-20
> Service Manual.
>
> I am working on the Tuning Circuit...
>
> A. I need to know what Tx InH is for?? Does it
> provide a Logical 1 at
> +5V when the TUN button is pushed??

The service manual labels it as an input to the FT100, presumably for the downstream device to prevent the FT100 from transmitting.

> B. I also need you to test if you can, what comes
> out of these Band
> Data pigtail pins when; the FC-20 is selected by
> the menus; the TUN
> button is pushed??
> -specify the voltages for each pin:
> 1
> 3
> 4
> 5
> 7
> 8

When configured with a Tuner, I believe that most communication occurs over the serial lines, i.e., Data In and Data Out in serial commands. I'm not sure that Yaesu even publishes the Tuner command protocol. The Data In, according to the service manual is an output, i.e., the TXD line for the FT100. Serial communication is always a little confusing because the TX of one device is connected to the RX of the other and vice versa so when you're talking about Data In and Data Out, it gets inverted depending on the device you're referring to.

> C. What are the diferences between pins (3,6 -
> GND) and (2 - TX GND)??

The service manual doesn't call pin 2 TX GND, it calls it LIN and it's an input to the FT100. In looking over the schematics, it appears to be related to the PTT circuit on the CTRL board.

> D. Is pin 1; which is 13.5VDC; constant or is it
> only on when the TUN
> is pushed??

This line is just providing power to the downstream device, i.e., the tuner.

> E. Does pin 7; RESET; supply a Logical 1 at +5V
> when pin 4 (Data In)
> senses a low VSWR or does it sense a logical 0 or 1
> for the signal??

Note also that this is inconsistent in the operating manual vs. the service manual. The operating manual shows Reset on pin 7, the service manual shows it on pin 6. It is considered an output from the FT100, presumably to reset the Tuner.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://auctions.yahoo.com

# 11917. Re: [FT100] Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 16:49:36 UTC
From: Wilfrid Maillet
Topic: 11917  Message: 11917

I would like to have a way to generate a Two Tone Test. I wonder if there is software that could use a computer to generate the test instead of having to construct one?

# 11918. Re: Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 19:26:55 UTC
From: backhoefade
Topic: 11917  Message: 11918

What is the fundamental frequency you are looking for? Audio freq's?
There must be some synthesizer programs out there that would let you
generate a couple audio frequency sinusoids on your PC. Then you
could patch them into your mic input and run them all the way through
to your PA output to make an overall transmitter 2 tone measurement.
What are you planning to measure?

--- In FT100@y..., Wilfrid Maillet <wilfrid@e...> wrote:
> I would like to have a way to generate a Two Tone Test. I wonder if
> there is software that could use a computer to generate the test
> instead of having to construct one?

# 11919. FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 19:57:39 UTC
From: starfury22
Topic: 11919  Message: 11919

I bought an FT-100 last summer, new, when they closed them out. I have had no real trouble with it, but it gets so hot operating that I have no confidence in its' ability to survive long. In the shack, I have put a muffin fan beside it and let it blow across the radio, but that would be impractical in the car. I am taking it this weekend to a hamfest, and I am going to try to take a loss and trade it in on an IC-706mkIIG that I can install in my car and not worry about it. I feel that the problems everyone has with the FT-100 series would be much less if the radio had a heat sink.
Gary

# 11920. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 20:14:19 UTC
From: David Kiwerski
Topic: 11919  Message: 11920

Hi,

It's a pity you feel that way about a good radio. Lurking here on this group, I see most of the comments are negative about some relatively minor issues compared to the whole picture. Mine is mounted in the trunk of my car here is southern California, Even though it gets real hot in the summer, I've had no trouble at all with this unit. I also have had none of the mods done to it.

Dave WP2AAT

starfury22 wrote:
> 
> I bought an FT-100 last summer, new, when they closed them out. I
> have had no real trouble with it, but it gets so hot operating that I
> have no confidence in its' ability to survive long. In the shack, I
> have put a muffin fan beside it and let it blow across the radio, but
> that would be impractical in the car. I am taking it this weekend to
> a hamfest, and I am going to try to take a loss and trade it in on an
> IC-706mkIIG that I can install in my car and not worry about it. I
> feel that the problems everyone has with the FT-100 series would be
> much less if the radio had a heat sink.
> Gary
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> 
> We are all a part of this Lets make it as good as possible.
> 
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# 11921. RE: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 20:27:30 UTC
From: n3jpu
Topic: 11919  Message: 11921

My original FT-100 over 2 years old has been mounted in the small 4" deep well between my cargo floor and the spare tire in my Outback wagon. It has held up well (fingers crossed) so far in this environment in the metro Wash DC area where we are known to get 90 consecutive days of 90 deg+ temps.

My 706MKII-G gets very hot in my house.

-----Original Message-----
From: starfury22 [mailto:gtuck@...]
Sent: Friday, February 01, 2002 14:58
To: FT100@yahoogroups.com
Subject: [FT100] FT-100 - giving up

I bought an FT-100 last summer, new, when they closed them out. I have had no real trouble with it, but it gets so hot operating that I have no confidence in its' ability to survive long. In the shack, I have put a muffin fan beside it and let it blow across the radio, but that would be impractical in the car. I am taking it this weekend to a hamfest, and I am going to try to take a loss and trade it in on an IC-706mkIIG that I can install in my car and not worry about it. I feel that the problems everyone has with the FT-100 series would be much less if the radio had a heat sink.
Gary

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11922. RE: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 20:41:43 UTC
From: Tom Tishken KD4WOV
Topic: 11919  Message: 11922

I have had mine mounted under the dash here in Florida where the temp inside the car during the summer will get up to 135 F. I have not had any problems with heat, although if it get below 20 F the display takes a while to warm up, but it works fine even in Missouri during the winter at 0 F.

-----Original Message-----
From: starfury22 [mailto:gtuck@...]
Sent: Friday, February 01, 2002 2:58 PM
To: FT100@yahoogroups.com
Subject: [FT100] FT-100 - giving up

I bought an FT-100 last summer, new, when they closed them out. I have had no real trouble with it, but it gets so hot operating that I have no confidence in its' ability to survive long. In the shack, I have put a muffin fan beside it and let it blow across the radio, but that would be impractical in the car. I am taking it this weekend to a hamfest, and I am going to try to take a loss and trade it in on an IC-706mkIIG that I can install in my car and not worry about it. I feel that the problems everyone has with the FT-100 series would be much less if the radio had a heat sink.
Gary

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11923. Re: FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 21:08:38 UTC
From: backhoefade
Topic: 11919  Message: 11923

It shouldn't get extremely hot unless you do one of the following:
1) Run it for long periods on VHF/UHF without the fan mod. The fan needs to run during long periods of receive.
2) You operate HF FM at the full 100 Watts out, say at 29.5 MHz. You don't want to do that. The rig's rated for 100 W PEP with an approximate 50% duty cycle on HF so when you run FM 10 meters you want to keep it at 50 Watts out.
I don't have a high heat problem with mine. I wonder if there's something wrong with your particular unit. Sorry it didn't work out for you. You may find yourself missing the FT-100D receiver with its superior overload performance, noise blanker and variable bandpass DSP (especially if you like CW). Drop by and tell us how you like the Icom receiver.
N6AF Chas

--- In FT100@y..., "starfury22" <gtuck@m...> wrote:
> I bought an FT-100 last summer, new, when they closed them out. I
> have had no real trouble with it, but it gets so hot operating that
I
> have no confidence in its' ability to survive long. In the shack,
I
> have put a muffin fan beside it and let it blow across the radio,
but
> that would be impractical in the car. I am taking it this weekend
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> a hamfest, and I am going to try to take a loss and trade it in on
an
> IC-706mkIIG that I can install in my car and not worry about it. I
> feel that the problems everyone has with the FT-100 series would be
> much less if the radio had a heat sink.
> Gary

# 11924. Speech Compressor circuit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 21:16:53 UTC
From: backhoefade
Topic: 11924  Message: 11924

There's a speech compressor circuit posted at the eham.com site in the articles section. It's targeting the FT-817 but I'm sure it could be used with the FT-100D. Thought somebody was asking for a compressor circuit earlier.

# 11925. Re: [FT100] Digest Number 1084

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 22:09:09 UTC
From: Jan and/or Len Peak
Topic: 11925  Message: 11925

What are the service manuals cost through Yaesu?
Any one know? 73 to the group,just got my first FT-100D hope I won't be disappointed,I've had 2 of the Icom 706,presently the MKII real happy with it.
Hope Yaesu doesn't let me down in this FT-100DLen N9HKG

# 11926. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 17:57:41 UTC
From: John Spiceman
Topic: 11805  Message: 11926

Chas,
Had a chance to implement the changes on F15 that you suggested. When I advance F15 upward, the maximum output happens at about 140. Any higher does nothing additional and probably creates a lot of otehr problems.

Keeping either audio gain or PRO at 17, the new F15 setting pops the output up considerably on the FT100 meter. It stills shows a downward deflection on the output meter but only slighly except on extreme audio peaks.

The scope looks just fine. As a matter of fact, I tried to make it flat top and couldn't. Must be the ALC working. Am getting great reports on AM now and the signal is a lot stronger. Before, I'd get good audio reports but the signal was pretty thin on AM.

If you use the CAT100 software, there is actually a thermometer onscreen that supposedly reads some kind of temp on the PA. For what its worth, I ran the rig in the former position for about 5 mins and then in the new higher position for 5 mins. No difference in temperature. The fans don't seem to be working any harder either.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> The "HF 100W" control, F15, increases the maximum
> output power of the
> rig. In CW you can adjust it for up to about 150
> Watts or so. I
> don't know if the transmit average power is folding
> back in AM mode
> because of ALC action or if this is due to the
> fundamental power
> limitation of the PA but what I do know is that if
> you increase the
> effective third order intercept of the PA (to put it
> in those terms)
> then of course the PA will be able to linearly
> handle a somewhat
> higher PEP. The apparent drop in average power as
> witnessed on a

> Bird wattmeter in AM disappears when the PA's
> overhead is increased
> slightly. The linearity of the PA is compromised on
> AM voice peaks
> and adding a bit more peak power capability
> elminates the
> compression. As observed on an oscilloscope the AM
> envelope does not
> extend beyond 100% modulation. It's a very clean
> looking envelope.
> The audio reports on the air are very good.
> N6AF Chas
>
> --- In FT100@y..., "Dr. Gerald N. Johnson,
> electrical engineer"
> <geraldj@i...> wrote:
> > Composite power peaks starving the carrier?
> Nonsense. Just the
> positive
> > peaks are hitting the ALC and cutting the gain
> after the balanced
> > modulator and filter. If the ALC is properly set
> for 100 watts peak
> > output, and the carrier is properly set for 25
> watts. Any ALC action
> > comes from trying to drive the positive peaks to
> over 100%
> modulation
> > which means the negative peaks are cutting off and
> splattering.
> Setting
> > the ALC for more than 100 watts output is asking
> for splatter from
> the
> > PA clipping, to say nothing of shortened life from
> being overdrive
> and
> > overheated. Better think about water cooling if
> you want to run more
> > power in such a small package, air cooling isn't
> going to do it. And
> > with Yaesu wanting $200 a transistor, I don't
> think melting PA
> > transistors is a positive outcome, except it stops
> the splatter.
> >
> > 73, Jerry, K0CQ
> >
> > --
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---
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# 11927. RE: [FT100] Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 19:08:48 UTC
From: Greg Williams
Topic: 11917  Message: 11927

If I understand your query, then Cool Edit or Sound Forge should do this for you.

Im still learning SF, but Cool Edit can generate DTMF tones and pretty much any sound that you can think of.

Greg Williams

No trees were destroyed in the sending of this contaminant-free message
We do concede, a significant number of electrons may have been inconvenienced.

-----Original Message-----
From: Wilfrid Maillet [mailto:wilfrid@...]
Sent: Friday, February 01, 2002 11:50 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Audio Test

I would like to have a way to generate a Two Tone Test. I wonder if there is software that could use a computer to generate the test instead of having to construct one?

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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# 11928. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 20:45:41 UTC
From: Bob Cheek
Topic: 11919  Message: 11928

David,

I used to have pretty much the same attitude as you did, much talk about relatively minor problems with the FT-100. But now I'm with Gary on this one.

I bought a FT-100 in October of 2000, (it was manufactured in January of '99) installed it in my vehicle in December of 2000. After a year of trouble free operation, in November of 2002 it blew up its VHF final in a low power QSO. The final went into oscillation and shorted the SRF7043 final and blew the fuses.

After waiting 9 weeks for the news, Yaesu service wanted $505 to repair the radio. I frankly couldn't see putting $500 in an $800 radio. Considering the number of similar troubles reported one would think that the manufacturer would stand behind their product and if not warrant these failures at least provide some accommodation toward the cost of the repairs.

To make a long story short, I have another $100 in shipping and charges for my FT-100 and it isn't fixed! I find that the VHF/UHF final transistor is a special part made my Motorola for Yaesu (hence the "SRF" prefix) and that you can't buy one through the normal channels. Yaesu wants over $200 for the part. So, if I can find some part I can substitute I'll repair the rig and sell it. Otherwise, it's going in the trash.

After looking through the messages on the IC-706 group and not seeing messages about the same failure modes over and over again as you do here, I've ordered a IC-706MKIIG to replace the FT-100. It is a shame, because the FT is a great rig. However, it is not reliable.

My big issue is not with the rig, all electronic devices can have problems. It is the fact that this one rig seems to have some real problems and the manufacturer is not taking care of the problems. In a conversation with the Repair Supervisor at Yaesu I was fed a line of hooey about why my rigs finals failed. It was out of warranty, that was it.....they just really didn't seem to care.

I would speculate that your attitude will change when
your FT-100 give up too.

By the way, I've got a ATAS-100 and two separation
kits that are available if anyone wants to buy
them....

DE WB4EJE

--- David Kiwerski <david.kiwerski@...> wrote:
> Hi,
>
> It's a pity you feel that way about a good radio.
> Lurking here on this group, I see most
> of the comments are negative about some relatively
> minor issues compared to the whole
> picture. Mine is mounted in the trunk of my car
> here is southern California, Even
> though it gets real hot in the summer, I've had no
> trouble at all with this unit. I also
> have had none of the mods done to it.
>
> Dave WP2AAT
>
>
>
> starfury22 wrote:
> >
> > I bought an FT-100 last summer, new, when they
> closed them out. I
> > have had no real trouble with it, but it gets so
> hot operating that I
> > have no confidence in its' ability to survive
> long. In the shack, I
> > have put a muffin fan beside it and let it blow
> across the radio, but
> > that would be impractical in the car. I am taking
> it this weekend to
> > a hamfest, and I am going to try to take a loss
> and trade it in on an
> > IC-706mkIIG that I can install in my car and not
> worry about it. I
> > feel that the problems everyone has with the
> FT-100 series would be
> > much less if the radio had a heat sink.
> > Gary
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe:
> FT100-subscribe@yahoogroups.com
> > Unsubscribe:
> FT100-unsubscribe@yahoogroups.com

> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> possible.
> >
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>

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# 11929. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 20:48:56 UTC
From: Lee Boulineau
Topic: 11919  Message: 11929

I have both rigs, and they both tend to get pretty warm during operation. I like both rigs - either is a great mobile or base rig. They each have strong points - the FT-100 has a great noise blanker, and the IC706MkIIg works real well with my LDG autotuner. I would hate to see you sell the rig and take a loss in the belief that the Icom is clearly better, because it is my belief that the FT-100 is a good rig that matches up well against the Icom. I hope that other hams with both rigs speak up and tell you their opinion.

73 de N4MVL

Lee
--- starfury22 <gtuck@...> wrote:
> I bought an FT-100 last summer, new, when they
> closed them out. I
> have had no real trouble with it, but it gets so hot
> operating that I
> have no confidence in its' ability to survive long.
> In the shack, I
> have put a muffin fan beside it and let it blow
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> a hamfest, and I am going to try to take a loss and
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> IC-706mkIIG that I can install in my car and not
> worry about it. I
> feel that the problems everyone has with the FT-100
> series would be
> much less if the radio had a heat sink.
> Gary
>
>

---------------------------------------------------
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# 11930. Re: [FT100] Re: CAT Software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 21:43:27 UTC
From: John Spiceman
Topic: 11821  Message: 11930

I also found the CAT100 program very nice to run. The actual picture of the FT100 and the logging module make it a nice package. It even has a thermometer for the PA temp ... although it is only a relative reading.

For some reason it had some "run time" problems on my DELL 700mhz laptop. I talked to Bob and he suspected that the laptop's touchpad or the PCMCIA modem/fax card was causing the problem. It IS in a docking station.

I have since installed it on the office P-200 and it works flawlessly.

John - WB0RLD

--- k4ec <k4ec@...> wrote:
> Dave:
>
> I found a better program designed speicifically for
> the FT-100
>
> CAT100 (by Bob Hillard, WA6UFQ)
>
> Try http://b.hillard.home.att.net/ft100.html
>
> 73
>
> Frank, K4EC
>
>
>
>
>

---
Do You Yahoo!?
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# 11931. Re: Digest Number 1084

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 22:53:40 UTC
From: backhoefade
Topic: 11925  Message: 11931

Make sure you have the "fan mod" in your rig. You can tell if you have it if the fans continue running in receive mode on VHF/UHF once it's warmed up. I don't mean the 10 second automatic fan run after every transmission either. Second, check that you have the proper "SWR mod" which is a mod which eliminates a potential spurious oscillation that typically occurs when operating on 24 MHz and 28 MHz. You can tell the mod's in there by opening up the top cover (6 screws). There should be some metal grounding strips that are screwed into the center chassis rib. If all you see is some copper adhesive tape then you don't have the proper modification for the spurious bug. Those are the only two mods you need to have in the rig. I had mine done a year ago and it's operated perfectly ever since. You are in for quite a learning experience with this rig. The manual lacks a lot of operating information. You will learn it at this website. Just type in a key word in the search box and you should find plenty of discussion. Plus K0LEE's info center is packed with information. Here's a hint for setting up the CW sitetone level. Open the top and adjust VR1004 for the level you want out of the speaker. VR1004 is next to the connector for the speaker wires. Then get some headphones with an in-line volumne control and you can then separately set your sidetone level as you want it while using headphones. Buy the mono-to-stereo adapter if you buy stereo headphones (which you will since that's generally the only type with an in-line volume control). For AM operation you need the 6 kHz filter installed. In AM you have to set the unmodulated carrier output power to 25 Watts using sub-menu function F51. In AM keep the mic level at about 17. In SSB try it around 65 for starters. 65 for the FM MIC level too for starters. Note that the PRO setting is the same control as the mic gain control except it overides the mic gain setting when you enable the PRO. Also run the PRO at about 17 for AM operation and 65 for SSB. A good compromise setting for the noise blanker is between 7 and 10. The trade-off is audio distortion. 7 is a typically good setting.

--- In FT100@y..., "Jan and/or Len Peak" <peaks@p...> wrote:
> What are the service manuals cost through Yaesu?
> Any one know? 73 to the group,just got my first FT-100D hope I won't be
> disappointed,I've had 2 of the Icom 706,presently the MKII real happy with
> it.
> Hope Yaesu doesn't let me down in this FT-100DLen N9HKG

# 11932. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 22:28:01 UTC
From: Mike May
Topic: 11919  Message: 11932

I have to agree with him about giving up on the darn radio.

I just went thru my 2nd ft100D in 6 months, my FT100D has all spurious grounding strap mods and thermal mods ETC everything is all up to date and yesterday while receiving on UHF the VHF/UHF final amplifier decided to go up in smoke for no apparent reason drawing 12 amps while in receive on any frequency and band and any mode. Mind you I wasn't talking at all nor was the radio scanning,I just had it hooked to an indoor receiving antenna without a mic connected and not even in a hot environment either. And yes the fans did come on while in VHF/UHF receive but as I said all of a sudden it started drawing 12 amps and would no longer transmit in V/U bands for no apparent reason. HF/6 meters is fine except for the extra 12 amps of the V/U final which I confirmed is partially shorted. So now while in HF or 6 meter tx it rquires a 35 amp power supply.

I won't even mention my first FT100D that died practically out of the box.

Mike WB8VLC/7

David Kiwerski wrote:

> Hi,
>
> It's a pity you feel that way about a good radio. Lurking here on
> this group, I see most
> of the comments are negative about some relatively minor issues
> compared to the whole
> picture. Mine is mounted in the trunk of my car here is southern
> California, Even
> though it gets real hot in the summer, I've had no trouble at all with
> this unit. I also
> have had none of the mods done to it.
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> Dave WP2AAT
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> starfury22 wrote:
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> > I bought an FT-100 last summer, new, when they closed them out. I
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 11933. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 23:06:40 UTC
From: backhoefade
Topic: 11805  Message: 11933

This is the kind of feedback I like - right in phase with
my experience. I'm not surprised that the finals didn't heat up
with the slight peak power increase. It's the average power
dissipated in the devices that's going to bring up the temp and
although the increased peaks do raise the average power a bit it's
not much. What you don't want to do is run CW beyond the rated 100
Watts output. And when you run FM on 29 MHz pull the average power
back to 50 Watts. Glad it worked out for you. I'm setting up a
pre-amp for my D-104 mic. That's going to be interesting using the
FT-100D with a D-104 on AM. I can set the drive to my SB-220 for an
unmodulated carrier output power of 250 Watts and basically have a kW
PEP AM station with the FT100D!
N6AF Chas

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> Had a chance to implement the changes on F15 that you
> suggested. When I advance F15 upward, the maximum
> output happens at about 140. Any higher does nothing
> additional and probably creates a lot of otehr
> problems.
>
> Keeping either audio gain or PRO at 17, the new F15
> setting pops the output up considerably on the FT100
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>
> The scope looks just fine. As a matter of fact, I
> tried to make it flat top and couldn't. Must be the
> ALC working. Am getting great reports on AM now and
> the signal is a lot stronger. Before, I'd get good
> audio reports but the signal was pretty thin on AM.
>
> If you use the CAT100 software, there is actually a
> thermometer onscreen that supposedly reads some kind
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> in the former position for about 5 mins and then in
> the new higher position for 5 mins. No difference in
> temperature. The fans don't seem to be working any
> harder either.
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:

> > The "HF 100W" control, F15, increases the maximum
> > output power of the
> > rig. In CW you can adjust it for up to about 150
> > Watts or so. I
> > don't know if the transmit average power is folding
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> > then of course the PA will be able to linearly
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> > Bird wattmeter in AM disappears when the PA's
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> > slightly. The linearity of the PA is compromised on
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> > The audio reports on the air are very good.
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> >
> > --- In FT100@y..., "Dr. Gerald N. Johnson,
> > electrical engineer"
> > <geraldj@i...> wrote:
> > > Composite power peaks starving the carrier?
> > Nonsense. Just the
> > positive
> > > > peaks are hitting the ALC and cutting the gain
> > after the balanced
> > > > modulator and filter. If the ALC is properly set
> > for 100 watts peak
> > > > output, and the carrier is properly set for 25
> > watts. Any ALC action
> > > > comes from trying to drive the positive peaks to
> > over 100%
> > modulation
> > > > which means the negative peaks are cutting off and
> > splattering.
> > Setting
> > > > the ALC for more than 100 watts output is asking
> > for splatter from
> > the

> > > PA clipping, to say nothing of shortened life from
> > being overdrive
> > and
> > > overheated. Better think about water cooling if
> > you want to run more
> > > power in such a small package, air cooling isn't
> > going to do it. And
> > > with Yaesu wanting $200 a transistor, I don't
> > think melting PA
> > > transistors is a positive outcome, except it stops
> > the splatter.
> > >
> > > 73, Jerry, K0CQ
> > >
> > > --
> > > Entire content copyright Dr. Gerald N. Johnson.
> > Reproduction by
> > > permission only.
> >
> >
>
>
> _____
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> http://auctions.yahoo.com

# 11934. Re: FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 23:09:24 UTC
From: backhoefade
Topic: 11919  Message: 11934

I'll take a separation kit. How much$$? And how much are you asking
for the ATAS-100?
N6AF Chas

--- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> David,
>
> I used to have pretty much the same attitude as you
> did, much talk about relatively minor problems with
> the FT-100. But now I'm with Gary on this one.
>
> I bought a FT-100 in October of 2000, (it was
> manufactured in January of '99) installed it in my
> vehicle in December of 2000. After a year of trouble
> free operation, in November of 2002 it blew up its VHF
> final in a low power QSO. The final went into
> oscillation and shorted the SRF7043 final and blew the
> fuses.
>
> After waiting 9 weeks for the news, Yaesu service
> wanted $505 to repair the radio. I frankly couldn't
> see putting $500 in an $800 radio. Considering the
> number of similar troubles reported one would think
> that the manufacturer would stand behind their product
> and if not warrant these failures at least provide
> some accommodation toward the cost of the repairs.
>
> To make a long story short, I have another $100 in
> shipping and charges for my FT-100 and it isn't fixed!
> I find that the VHF/UHF final transistor is a special
> part made my Motorola for Yaesu (hence the "SRF"
> prefix) and that you can't buy one through the normal
> channels. Yaesu wants over $200 for the part. So, if
> I can find some part I can substitute I'll repair the
> rig and sell it. Otherwise, it's going in the trash.
>
> After looking through the messages on the IC-706 group
> and not seeing messages about the same failure modes
> over and over again as you do here, I've ordered a
> IC-706MKIIG to replace the FT-100. It is a shame,
> because the FT is a great rig. However, it is not
> reliable.
>
> My big issue is not with the rig, all electronic
> devices can have problems. It is the fact that this

> one rig seems to have some real problems and the
> manufacturer is not taking care of the problems. In a
> conversation with the Repair Supervisor at Yaesu I was
> fed a line of hooey about why my rigs finals failed.
> It was out of warranty, that was it.....they just
> really didn't seem to care.
>
> I would speculate that your attitude will change when
> your FT-100 give up too.
>
> By the way, I've got a ATAS-100 and two separation
> kits that are available if anyone wants to buy
> them....
>
> DE WB4EJE
>
>
>
>
> --- David Kiwerski <david.kiwerski@o...> wrote:
> > Hi,
> >
> > It's a pity you feel that way about a good radio.
> > Lurking here on this group, I see most
> > of the comments are negative about some relatively
> > minor issues compared to the whole
> > picture. Mine is mounted in the trunk of my car
> > here is southern California, Even
> > though it gets real hot in the summer, I've had no
> > trouble at all with this unit. I also
> > have had none of the mods done to it.
> >
> > Dave WP2AAT
> >
> >
> >
> > starfury22 wrote:
> > >
> > > I bought an FT-100 last summer, new, when they
> > closed them out. I
> > > have had no real trouble with it, but it gets so
> > hot operating that I
> > > have no confidence in its' ability to survive
> > long. In the shack, I
> > > have put a muffin fan beside it and let it blow
> > across the radio, but
> > > that would be impractical in the car. I am taking
> > it this weekend to
> > > a hamfest, and I am going to try to take a loss
> > and trade it in on an

> > > IC-706mkIIG that I can install in my car and not
> > worry about it. I
> > > feel that the problems everyone has with the
> > FT-100 series would be
> > > much less if the radio had a heat sink.
> > > Gary
> > >
> > > Post message: FT100@y...
> > > Subscribe:
> > FT100-subscribe@y...
> > > Unsubscribe:
> > FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as
> > possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
> >
>
>
> ~-------------------------------------------------~
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11935. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 23:16:36 UTC
From: damsignshop
Topic: 11919  Message: 11935

I am still looking to buy a down and out ft100 or ft100d.. Broken is fine with me if the price is right

Bob Adams
----- Original Message -----
From: Bob Cheek
To: FT100@yahoogroups.com
Sent: Friday, February 01, 2002 3:45 PM
Subject: Re: [FT100] FT-100 - giving up

David,

I used to have pretty much the same attitude as you did, much talk about relatively minor problems with the FT-100. But now I'm with Gary on this one.

I bought a FT-100 in October of 2000, (it was manufactured in January of '99) installed it in my vehicle in December of 2000. After a year of trouble free operation, in November of 2002 it blew up its VHF final in a low power QSO. The final went into oscillation and shorted the SRF7043 final and blew the fuses.

After waiting 9 weeks for the news, Yaesu service wanted $505 to repair the radio. I frankly couldn't see putting $500 in an $800 radio. Considering the number of similar troubles reported one would think that the manufacturer would stand behind their product and if not warrant these failures at least provide some accommodation toward the cost of the repairs.

To make a long story short, I have another $100 in shipping and charges for my FT-100 and it isn't fixed! I find that the VHF/UHF final transistor is a special part made my Motorola for Yaesu (hence the "SRF" prefix) and that you can't buy one through the normal channels. Yaesu wants over $200 for the part. So, if I can find some part I can substitute I'll repair the rig and sell it. Otherwise, it's going in the trash.

After looking through the messages on the IC-706 group and not seeing messages about the same failure modes over and over again as you do here, I've ordered a IC-706MKIIG to replace the FT-100. It is a shame, because the FT is a great rig. However, it is not reliable.

My big issue is not with the rig, all electronic devices can have problems. It is the fact that this one rig seems to have some real problems and the manufacturer is not taking care of the problems. In a conversation with the Repair Supervisor at Yaesu I was fed a line of hooey about why my rigs finals failed. It was out of warranty, that was it.....they just really didn't seem to care.

I would speculate that your attitude will change when your FT-100 give up too.

By the way, I've got a ATAS-100 and two separation kits that are available if anyone wants to buy them....

DE WB4EJE

--- David Kiwerski <david.kiwerski@...> wrote:
> Hi,
>
> It's a pity you feel that way about a good radio.
> Lurking here on this group, I see most
> of the comments are negative about some relatively
> minor issues compared to the whole
> picture. Mine is mounted in the trunk of my car
> here is southern California, Even
> though it gets real hot in the summer, I've had no
> trouble at all with this unit. I also
> have had none of the mods done to it.
>
> Dave WP2AAT
>
>
>
> starfury22 wrote:
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> across the radio, but
> > that would be impractical in the car. I am taking
> it this weekend to
> > a hamfest, and I am going to try to take a loss
> and trade it in on an
> > IC-706mkIIG that I can install in my car and not
> worry about it. I
> > feel that the problems everyone has with the

> FT-100 series would be
> > much less if the radio had a heat sink.
> > Gary
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe:
> FT100-subscribe@yahoogroups.com
> > Unsubscribe:
> FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> possible.
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>

---
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Subscribe: FT100-subscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 11936. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 00:15:14 UTC
From: Pres Waterman
Topic: 11919  Message: 11936

> I can find some part I can substitute I'll repair the
> rig and sell it. Otherwise, it's going in the trash.

I will be more than happy to take it to the dumpster for you

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11937. RE: [FT100] Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-01 23:39:23 UTC
From: Richard W. Solomon
Topic: 11917  Message: 11937

The easiest way is to get a TT pad from an old phone.
Very precise frequencies and you can get single or
two-tone.

73, Dick, W1KSZ

-----Original Message-----
From: Wilfrid Maillet [mailto:wilfrid@...]
Sent: Friday, February 01, 2002 11:50 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Audio Test

I would like to have a way to generate a Two Tone Test. I wonder if
there is software that could use a computer to generate the test
instead of having to construct one?

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11938. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 00:07:01 UTC
From: Mike May
Topic: 11919  Message: 11938

Bob,

Sounds like mine did the same thing yesterday that yours did, looking at thSRF7043 circuit and being familiar with the main wafer die that the SRF7043 is made of, it's the same type die as a MaCom MRF177 which is a 28 volt part but still has a lot of gain even when operated at 13.8 volts and tends to go unstable without any type of feedback. That circuit needs some serious feedback in it especially with the wide open PWB layout in the FT100. Right now I have the MRF5015( another obsolete device BTW) driver stage jumpered over to the SRF7043 output coax and I'm getting by with 5 to 7 watts out. And looking at the specs on the MRF5015 driver, it's rated at 15 watts so maybe If I don't find a suitable replacement final I'll rematch the driver over the 144 to 450 range and see if I can get by with that arrangement, 15 watts is better than spending 200 bucks to get up to 50 watts.

Also I'm looking at an alternate source for a similar Power type of power FET right now and although I'm not sure what the price would be in small quantities, when I receive a reply which I was told will be next week then I'll post that info to the group.

Mike
WB8VLC/7

Bob Cheek wrote:

> David,
>
> I used to have pretty much the same attitude as you
> did, much talk about relatively minor problems with
> the FT-100. But now I'm with Gary on this one.
>
> I bought a FT-100 in October of 2000, (it was
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> final in a low power QSO. The final went into
> oscillation and shorted the SRF7043 final and blew the
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> After waiting 9 weeks for the news, Yaesu service
> wanted $505 to repair the radio. I frankly couldn't
> see putting $500 in an $800 radio. Considering the
> number of similar troubles reported one would think
> that the manufacturer would stand behind their product
> and if not warrant these failures at least provide

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> To make a long story short, I have another $100 in
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> because the FT is a great rig. However, it is not
> reliable.
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> devices can have problems. It is the fact that this
> one rig seems to have some real problems and the
> manufacturer is not taking care of the problems. In a
> conversation with the Repair Supervisor at Yaesu I was
> fed a line of hooey about why my rigs finals failed.
> It was out of warranty, that was it.....they just
> really didn't seem to care.
>
> I would speculate that your attitude will change when
> your FT-100 give up too.
>
> By the way, I've got a ATAS-100 and two separation
> kits that are available if anyone wants to buy
> them....
>
> DE WB4EJE
>
>
>
>
> --- David Kiwerski <david.kiwerski@...> wrote:
> > Hi,
> >
> > It's a pity you feel that way about a good radio.
> > Lurking here on this group, I see most
> > of the comments are negative about some relatively
> > minor issues compared to the whole
> > picture. Mine is mounted in the trunk of my car
> > here is southern California, Even
> > though it gets real hot in the summer, I've had no
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> > have had none of the mods done to it.
> >
> > Dave WP2AAT
> >
> >
> >
> > starfury22 wrote:
> > >
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> > worry about it. I
> > > feel that the problems everyone has with the
> > FT-100 series would be
> > > much less if the radio had a heat sink.
> > > Gary
> > >
> > > Post message: FT100@yahoogroups.com
> > > Subscribe:
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> > > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as
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>
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 11939. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 01:00:58 UTC
From: Paul Manuel
Topic: 11919  Message: 11939

--- Mike May <mike.may@...> wrote:
> I just went thru my 2nd ft100D in 6 months, my FT100D has all spurious
> grounding strap mods and thermal mods ETC everything is all up to date
> and yesterday while receiving on UHF the VHF/UHF final amplifier decided
> to go up in smoke for no apparent reason drawing 12 amps while in
> receive on any frequency and band and any mode

It looks like an ominous trend may be brewing...uh oh! Didn't someone say
the V/U final is available from RF Parts?
73,
Paul K4PDM
former owner of an IC 706 that died of heat exhaustion

_____
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# 11940. Re: [FT100] Re: Digest Number 1084

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 01:18:53 UTC
From: Bob Cheek
Topic: 11925  Message: 11940

Congrads on the new rig, now here's the mods you have
to put into it to make sure it doesn't blow
up.....what's wrong with this picture?

DE WB4EJE

--- backhoefade <cgarner@...> wrote:
> Make sure you have the "fan mod" in your rig. You
> can tell if you
> have it if the fans continue running in receive mode
> on VHF/UHF once
> it's warmed up. I don't mean the 10 second
> automatic fan run after
> every transmission either. Second, check that you
> have the
> proper "SWR mod" which is a mod which eliminates a
> potential spurious
> oscillation that typically occurs when operating on
> 24 MHz and 28
> MHz. You can tell the mod's in there by opening up
> the top cover (6
> screws). There should be some metal grounding
> strips that are
> screwed into the center chassis rib. If all you see
> is some copper
> adhesive tape then you don't have the proper
> modification for the
> spurious bug. Those are the only two mods you need
> to have in the
> rig. I had mine done a year ago and it's operated
> perfectly ever
> since. You are in for quite a learning experience
> with this rig.
> The manual lacks a lot of operating information.
> You will learn it
> at this website. Just type in a key word in the
> search box and you
> should find plenty of discussion. Plus K0LEE's info
> center is packed
> with information. Here's a hint for setting up the
> CW sitetone
> level. Open the top and adjust VR1004 for the level
> you want out of
> the speaker. VR1004 is next to the connector for
> the speaker wires.

> Then get some headphones with an in-line volumne
> control and you can
> then separately set your sidetone level as you want
> it while using
> headphones. Buy the mono-to-stereo adapter if you
> buy stereo
> headphones (which you will since that's generally
> the only type with
> an in-line volume control). For AM operation you
> need the 6 kHz
> filter installed. In AM you have to set the
> unmodulated carrier
> output power to 25 Watts using sub-menu function
> F51. In AM keep the
> mic level at about 17. In SSB try it around 65 for
> starters. 65 for
> the FM MIC level too for starters. Note that the
> PRO setting is the
> same control as the mic gain control except it
> overides the mic gain
> setting when you enable the PRO. Also run the PRO
> at about 17 for AM
> operation and 65 for SSB. A good compromise setting
> for the noise
> blanker is between 7 and 10. The trade-off is audio
> distortion.
> 7 is a typically good setting.
>
> --- In FT100@y..., "Jan and/or Len Peak"
> <peaks@p...> wrote:
> > What are the service manuals cost through Yaesu?
> > Any one know? 73 to the group,just got my first
> FT-100D hope I
> won't be
> > disappointed,I've had 2 of the Icom 706,presently
> the MKII real
> happy with
> > it.
> > Hope Yaesu doesn't let me down in this FT-100DLen
> N9HKG
>
>

---------------------------------------------
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# 11941. Re: [FT100] Re: Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 01:47:00 UTC
From: Justin Wolcott
Topic: 11917  Message: 11941

For audio frequencies you can get a progrma called cooledit
i used to generate dtmf tones with it so u should eb able to generate
whatever you want with it

-Justin

backhoefade wrote:

> What is the fundamental frequency you are looking for? Audio freq's?
>
> There must be some synthesizer programs out there that would let you
> generate a couple audio frequency sinusoids on your PC. Then you
> could patch them into your mic input and run them all the way through
> to your PA output to make an overall transmitter 2 tone measurement.
> What are you planning to measure?
>
>
> --- In FT100@y..., Wilfrid Maillet <wilfrid@e...> wrote:
> > I would like to have a way to generate a Two Tone Test. I wonder if
>
> > there is software that could use a computer to generate the test
> > instead of having to construct one?
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>
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> Post message: FT100@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
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# 11942. Re: [FT100] FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 01:28:36 UTC
From: Bob Cheek
Topic: 11919  Message: 11942

Mike,

I'll be interested in what you come up with for a
substitute part for the 7043. I don't even have my
FT-100 back from service yet. But you're right, 7
watts is better than none!

DE WB4EJE

--- Mike May <mike.may@...> wrote:
> Bob,
>
> Sounds like mine did the same thing yesterday that
> yours did, looking
> at thSRF7043 circuit and being familiar with the
> main wafer die that the
> SRF7043 is made of, it's the same type die as a
> MaCom MRF177 which is a
> 28 volt part but still has a lot of gain even when
> operated at 13.8
> volts and tends to go unstable without any type of
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> circuit needs some serious feedback in it especially
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> MRF5015 driver, it's rated at 15 watts so maybe If I
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> suitable replacement final I'll rematch the driver
> over the 144 to 450
> range and see if I can get by with that arrangement,
> 15 watts is better
> than spending 200 bucks to get up to 50 watts.
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> Also I'm looking at an alternate source for a
> similar Power type of
> power FET right now and although I'm not sure what
> the price would be in
> small quantities, when I receive a reply which I was
> told will be next
> week then I'll post that info to the group.
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> Mike
> WB8VLC/7
>
> Bob Cheek wrote:
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> > David,
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> > I used to have pretty much the same attitude as
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> > did, much talk about relatively minor problems
> with
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> > I bought a FT-100 in October of 2000, (it was
> > manufactured in January of '99) installed it in my
> > vehicle in December of 2000. After a year of
> trouble
> > free operation, in November of 2002 it blew up its
> VHF
> > final in a low power QSO. The final went into
> > oscillation and shorted the SRF7043 final and blew
> the
> > fuses.
> >
> > After waiting 9 weeks for the news, Yaesu service
> > wanted $505 to repair the radio. I frankly
> couldn't
> > see putting $500 in an $800 radio. Considering
> the
> > number of similar troubles reported one would
> think
> > that the manufacturer would stand behind their
> product
> > and if not warrant these failures at least provide
> > some accommodation toward the cost of the repairs.
> >
> > To make a long story short, I have another $100 in
> > shipping and charges for my FT-100 and it isn't
> fixed!
> > I find that the VHF/UHF final transistor is a
> special
> > part made my Motorola for Yaesu (hence the "SRF"
> > prefix) and that you can't buy one through the
> normal
> > channels. Yaesu wants over $200 for the part.
> So, if
> > I can find some part I can substitute I'll repair
> the
> > rig and sell it. Otherwise, it's going in the
> trash.

> >
> > After looking through the messages on the IC-706
> group
> > and not seeing messages about the same failure
> modes
> > over and over again as you do here, I've ordered a
> > IC-706MKIIG to replace the FT-100. It is a shame,
> > because the FT is a great rig. However, it is
> not
> > reliable.
> >
> > My big issue is not with the rig, all electronic
> > devices can have problems. It is the fact that
> this
> > one rig seems to have some real problems and the
> > manufacturer is not taking care of the problems.
> In a
> > conversation with the Repair Supervisor at Yaesu I
> was
> > fed a line of hooey about why my rigs finals
> failed.
> > It was out of warranty, that was it.....they just
> > really didn't seem to care.
> >
> > I would speculate that your attitude will change
> when
> > your FT-100 give up too.
> >
> > By the way, I've got a ATAS-100 and two separation
> > kits that are available if anyone wants to buy
> > them....
> >
> > DE WB4EJE
> >
> >
> >
> >
> > --- David Kiwerski <david.kiwerski@...>
> wrote:
> > > Hi,
> > >
> > > It's a pity you feel that way about a good
> radio.
> > > Lurking here on this group, I see most
> > > of the comments are negative about some
> relatively
> > > minor issues compared to the whole
> > > picture. Mine is mounted in the trunk of my
> car
> > > here is southern California, Even

> > > though it gets real hot in the summer, I've had
> no
> > > trouble at all with this unit. I also
> > > have had none of the mods done to it.
> > >
> > > Dave WP2AAT
> > >
> > >
> > >
> > > starfury22 wrote:
> > > >
> > > > I bought an FT-100 last summer, new, when they
> > > closed them out. I
> > > > have had no real trouble with it, but it gets
> so
> > > hot operating that I
> > > > have no confidence in its' ability to survive
> > > long. In the shack, I
> > > > have put a muffin fan beside it and let it
> blow
> > > across the radio, but
> > > > that would be impractical in the car. I am
> taking
> > > it this weekend to
> > > > a hamfest, and I am going to try to take a
> loss
> > > and trade it in on an
> > > > IC-706mkIIG that I can install in my car and
> not
> > > worry about it. I
> > > > feel that the problems everyone has with the
> > > FT-100 series would be
> > > > much less if the radio had a heat sink.
> > > > Gary
> > > >
> > > > Post message: FT100@yahoogroups.com
> > > > Subscribe:
> > > FT100-subscribe@yahoogroups.com
> > > > Unsubscribe:
> > > FT100-unsubscribe@yahoogroups.com
> > > > List owner:
> FT100-owner@yahoogroups.com
> > > > FAQ on WWW:
> > > http://www.k0lee.com/ft100faq.html
> > > >
> > > > We are all a part of this Lets make it as good
> as
> > > possible.
> > > >
> > > > Your use of Yahoo! Groups is subject to

> > > http://docs.yahoo.com/info/terms/
> > >
> >
> >
> > _____
> > Do You Yahoo!?
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> > http://auctions.yahoo.com
> >
> >
> > Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
> >
>
=== message truncated ===

_____
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http://auctions.yahoo.com

# 11943. Kick Butt, don't Give Up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 04:24:32 UTC
From: James Carmody
Topic: 11943  Message: 11943

My FT=100D now works fantastically well after sending it in to Cerritos for the two manufacturing/design defects which are now famous: internal grounding and fan mod needs on UHF/VHF. At this point, I can honestly say that the medium sized beast (I have the 817, so the 100D is not little) is the best radio I have ever owned. It is nothing short of terrific, particularly if you learn the nuances of the menu adjustments.

However, if Cerritos is giving poor or delayed service to your defective rigs, I urge you to write QST, make the issue well known on your local ham networks and that you write the folks in Tokyo who seem to be completely out of touch with consumer matters and could care less. IN OTHER WORDS, BE VOCAL! Send a copy of this email to everyone your write and add other emails for a nice quilted impact.

73, nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

---------------------------------------------------
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http://auctions.yahoo.com

# 11944. Re: FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 06:57:21 UTC
From: france0308
Topic: 11919  Message: 11944

Bob,

I'll take one of the separation kits off you if you're interested

-France k6QO-

--- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> David,
>
> I used to have pretty much the same attitude as you
> did, much talk about relatively minor problems with
> the FT-100. But now I'm with Gary on this one.
>
> I bought a FT-100 in October of 2000, (it was
> manufactured in January of '99) installed it in my
> vehicle in December of 2000. After a year of trouble
> free operation, in November of 2002 it blew up its VHF
> final in a low power QSO. The final went into
> oscillation and shorted the SRF7043 final and blew the
> fuses.
>
> After waiting 9 weeks for the news, Yaesu service
> wanted $505 to repair the radio. I frankly couldn't
> see putting $500 in an $800 radio. Considering the
> number of similar troubles reported one would think
> that the manufacturer would stand behind their product
> and if not warrant these failures at least provide
> some accommodation toward the cost of the repairs.
>
> To make a long story short, I have another $100 in
> shipping and charges for my FT-100 and it isn't fixed!
> I find that the VHF/UHF final transistor is a special
> part made my Motorola for Yaesu (hence the "SRF"
> prefix) and that you can't buy one through the normal
> channels. Yaesu wants over $200 for the part. So, if
> I can find some part I can substitute I'll repair the
> rig and sell it. Otherwise, it's going in the trash.
>
> After looking through the messages on the IC-706 group
> and not seeing messages about the same failure modes
> over and over again as you do here, I've ordered a
> IC-706MKIIG to replace the FT-100. It is a shame,
> because the FT is a great rig. However, it is not
> reliable.
>
> My big issue is not with the rig, all electronic

> devices can have problems. It is the fact that this
> one rig seems to have some real problems and the
> manufacturer is not taking care of the problems. In a
> conversation with the Repair Supervisor at Yaesu I was
> fed a line of hooey about why my rigs finals failed.
> It was out of warranty, that was it.....they just
> really didn't seem to care.
>
> I would speculate that your attitude will change when
> your FT-100 give up too.
>
> By the way, I've got a ATAS-100 and two separation
> kits that are available if anyone wants to buy
> them....
>
> DE WB4EJE
>
>
>
>
> --- David Kiwerski <david.kiwerski@o...> wrote:
> > Hi,
> >
> > It's a pity you feel that way about a good radio.
> > Lurking here on this group, I see most
> > of the comments are negative about some relatively
> > minor issues compared to the whole
> > picture. Mine is mounted in the trunk of my car
> > here is southern California, Even
> > though it gets real hot in the summer, I've had no
> > trouble at all with this unit. I also
> > have had none of the mods done to it.
> >
> > Dave WP2AAT
> >
> >
> >
> > starfury22 wrote:
> > >
> > > I bought an FT-100 last summer, new, when they
> > closed them out. I
> > > have had no real trouble with it, but it gets so
> > hot operating that I
> > > have no confidence in its' ability to survive
> > long. In the shack, I
> > > have put a muffin fan beside it and let it blow
> > across the radio, but
> > > that would be impractical in the car. I am taking
> > it this weekend to
> > > a hamfest, and I am going to try to take a loss

> > and trade it in on an
> > > IC-706mkIIG that I can install in my car and not
> > worry about it. I
> > > feel that the problems everyone has with the
> > FT-100 series would be
> > > much less if the radio had a heat sink.
> > > Gary
> > >
> > > Post message: FT100@y...
> > > Subscribe:
> > FT100-subscribe@y...
> > > Unsubscribe:
> > FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as
> > possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
> >
>
>
> _____
> Do You Yahoo!?
> Great stuff seeking new owners in Yahoo! Auctions!
> http://auctions.yahoo.com

# 11945. Re: [FT100] Re: Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 14:43:30 UTC
From: Wilfrid Maillet
Topic: 11917  Message: 11945

Thanks for the info. Where do you thing I could get Cooledit? I thought about the TT pads. I would need two, because you can only get one combination out at a time, but that would be ok. Then you need a power supply, etc. Would be much neater if I had one wire coming out of my computer. Someone asked what frequency was required. I would have to take a look in the handbook, but I know that they need to be non harmonic related, like maybe 1700 and 700Hz.

Justin Wolcott wrote:

> For audio frequencies you can get a progrma called cooledit
> i used to generate dtmf tones with it so u should eb able to generate
> whatever you want with it
>
> -Justin
>
> backhoefade wrote:
>
> > What is the fundamental frequency you are looking for? Audio
> freq's?
> >
> > There must be some synthesizer programs out there that would let you
>
> > generate a couple audio frequency sinusoids on your PC. Then you
> > could patch them into your mic input and run them all the way
> through
> > to your PA output to make an overall transmitter 2 tone measurement.
>
> > What are you planning to measure?
> >
> >
> > --- In FT100@y..., Wilfrid Maillet <wilfrid@e...> wrote:
> > > I would like to have a way to generate a Two Tone Test. I wonder
> if
> >
> > > there is software that could use a computer to generate the test
> > > instead of having to construct one?
> >
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>
> >
> > Post message: FT100@yahoogroups.com

> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
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> Post message: FT100@yahoogroups.com
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>
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>
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# 11946. RE: [FT100] Re: Audio Test

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 15:48:50 UTC
From: Lighthouse
Topic: 11917  Message: 11946

Cool Edit page:
http://www.syntrillium.com/

Marty

Join us - Anyone that enjoys working on and improving their SSB audio (beginners with questions also welcome).
You can find us on the WEB at http://groups.yahoo.com/group/hfssbaudio/
We have the best of the audio people on the HFSSB list. Please read the group description and join in.
Marty

-----Original Message-----
Subject: Re: [FT100] Re: Audio Test

Thanks for the info. Where do you thing I could get Cooledit? .......

# 11947. Re: FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 13:26:28 UTC
From: n9cv
Topic: 11919  Message: 11947

1. Go to the Hamfest and spend $.50 on a 39 or 50 ohm resistor.
2. Go to back to your car in the parking lot with a screwdriver.
3. Remove the radio cover.
4. Install the resistor from black fan wire to ground. (The ground end of the resistor can go under the cover screw. The other end can be inserted into the back of the fan plug)
5. Replace the radio cover and enjoy the rest of the hamfest.

Net loss = $.50 and about 10 minutes time.

Ken - N9CV

--- In FT100@y..., "starfury22" <gtuck@m...> wrote:
> I bought an FT-100 last summer, new, when they closed them out. I
> have had no real trouble with it, but it gets so hot operating that
I
> have no confidence in its' ability to survive long. In the shack,
I
> have put a muffin fan beside it and let it blow across the radio,
but
> that would be impractical in the car. I am taking it this weekend
to
> a hamfest, and I am going to try to take a loss and trade it in on
an
> IC-706mkIIG that I can install in my car and not worry about it. I
> feel that the problems everyone has with the FT-100 series would be
> much less if the radio had a heat sink.
> Gary

# 11948. Thermal switch from Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-02 16:04:20 UTC
From: lhlousek
Topic: 11948  Message: 11948

Has anybody ordered the Tokin thermal switch from Yaesu and if so, what did it cost? I'm podering adding the thermal switch vs simply adding a resistor.

I experimented with several values of resistors and ~100 ohms seems about right. The fans don't run quite as fast as they do with 50 ohms but considering they'll be on 100% of the time it seems reasonable.

Lou W7DZN

# 11949. Re: [FT100] Thermal switch from Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 01:51:29 UTC
From: france antelme
Topic: 11948  Message: 11949

Lou,

I just ordered it and it was about $7, excluding
shipping

-France K6QO-

--- lhlousek <lhlousek@...> wrote:
> Has anybody ordered the Tokin thermal switch from
> Yaesu and if so, what did it
> cost? I'm podering adding the thermal switch vs
> simply adding a resistor.
>
> I experimented with several values of resistors and
> ~100 ohms seems about right.
> The fans don't run quite as fast as they do with 50
> ohms but considering they'll
> be on 100% of the time it seems reasonable.
>
> Lou W7DZN
>
>
>
>

_____
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# 11950. Re: [FT100] Re: FT-100 - giving up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 05:06:19 UTC
From: Mel Friedman
Topic: 11919  Message: 11950

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Saturday, February 02, 2002 8:26 AM
Subject: [FT100] Re: FT-100 - giving up

1. Go to the Hamfest and spend $.50 on a 39 or 50 ohm resistor.
2. Go to back to your car in the parking lot with a screwdriver.
3. Remove the radio cover.
4. Install the resistor from black fan wire to ground. (The ground
end of the resistor can go under the cover screw. The other end can
be inserted into the back of the fan plug)
5. Replace the radio cover and enjoy the rest of the hamfest.

Net loss = $.50 and about 10 minutes time.

Ken - N9CV

--- In FT100@y..., "starfury22" <gtuck@m...> wrote:
> I bought an FT-100 last summer, new, when they closed them out. I
> have had no real trouble with it, but it gets so hot operating that
I
> have no confidence in its' ability to survive long. In the shack,
I
> have put a muffin fan beside it and let it blow across the radio,
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> that would be impractical in the car. I am taking it this weekend
to
> a hamfest, and I am going to try to take a loss and trade it in on
an
> IC-706mkIIG that I can install in my car and not worry about it. I
> feel that the problems everyone has with the FT-100 series would be
> much less if the radio had a heat sink.
> Gary

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 11951. RE: [FT100] Thermal switch from Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 01:37:55 UTC
From: Eric van de Weyer
Topic: 11948  Message: 11951

Hi Lou, that's interesting as that is exactly the value I ended up using in mine as well.

73....Eric VK2KUR
-----Original Message-----
From: lhlousek [mailto:lhlousek@...]
Sent: Sunday, 3 February 2002 3:04 AM
To: FT100@yahoogroups.com
Subject: [FT100] Thermal switch from Yaesu

Has anybody ordered the Tokin thermal switch from Yaesu and if so, what did it
cost? I'm podering adding the thermal switch vs simply adding a resistor.

I experimented with several values of resistors and ~100 ohms seems about right.
The fans don't run quite as fast as they do with 50 ohms but considering they'll
be on 100% of the time it seems reasonable.

Lou W7DZN

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[Non-text portions of this message have been removed]

# 11952. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 02:39:51 UTC
From: Ham_Tech@juno.com
Topic: 11952  Message: 11952

Hi guys,

Can someone explain to me about the "10-10" numbers??

Dan

_____
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http://dl.www.juno.com/get/web/.

# 11953. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 13:50:33 UTC
From: Tad Danley
Topic: 5045  Message: 11953

Ham_Tech@... wrote:

> Hi guys,
>
> Can someone explain to me about the "10-10" numbers??
>
> Dan

Ten-Ten International is an organization that promotes ham operation on 10 meters. One of the ways they do that is to assign 10-10 numbers to members who exchange them on the air to promote activity.

For more information check out http://www.ten-ten.org/

Good luck and 73,

--
Tad Danley, K3TD
mailto:taddanley@...

# 11954. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 10:34:38 UTC
From: robert blumenkranz
Topic: 11952  Message: 11954

it is a group of hams that join a (fee required) club
which hands out the numbers. You have to work 10 guys
with 10/10 numbers to be eligible. Then you can
register and get a 10/10 number which you give out
during contacts or contests on 10 meters. They meet
every day on 28.380.
Thanks,
Bob Ni6r
--- Ham_Tech@... wrote:
> Hi guys,
>
> Can someone explain to me about the "10-10"
> numbers??
>
> Dan
>

---
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> http://dl.www.juno.com/get/web/.
>

---
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# 11955. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 09:16:15 UTC
From: Ham_Tech@juno.com
Topic: 5045  Message: 11955

thanks for the info on the 10-10

dan

---
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http://dl.www.juno.com/get/web/.

# 11956. FT-100D manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 18:29:32 UTC
From: janlenp
Topic: 11956  Message: 11956

Someone out there have the manual for FT-100D that can be downloaded.
73.Len N9HKG

# 11957. Re: FT-100D manual downloaded wanted

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-03 15:28:41 UTC
From: Ham_Tech@juno.com
Topic: 11957  Message: 11957

Hi Len and anyone else in the group!!!

In Reply to Peaks@... 's message to the group::

READ THIS WHOLE MESSAGE, BEFORE TAKING ACTION.

So far, according to the things on the list I have read, a new manual is
being reconstructed for the FT100D.
---
"Just ordered the FT100D service manual from Yaesu.They
say they are back ordered due to an update currently
in progress and expect to have the manuals in-house in
early march"
---
I recently received the FT100 manual so that I could do some research
on the structure of the outputs of this fine rig.

There is an older version that was used during the testing done by the
FCC. Here is some info on how you can get it.
---
"Here is the info from a previous posting:

The schematics and manuals can be found by going to:
http://www.fcc.gov/oet/fccid/
Use the Grantee code K66, and the equipment product
code FT-100, and select
View Exhibits, to get to schematics, photos, block
diagram, parts lists and
a PDF version of the user manual. Many changes have
occurred since the
grant, but it will give you enough information to help
you make your
decision. I would also like to mention that the FT817
information was
submitted as .pdf files, whereas the FT100 was scanned
and converted to .pdf
so it won't be as nice to view as the FT817
information. I found the FT100
schematics to be unusable.

73,

Lee, K0LEE

Hi Daniel,

Since the question about the on-line manual seems to
occur quite frequently, I've updated the FAQ. Here is
some text I added to it:

The manual shown appears to be only a rough draft with
36 pages of information vs. 108 in the finished
manual. It contains no illustrations. The manual
and schematics were scanned and converted to .pdf and
you will find resolution of the schematics is not high
enough to be usable. It is highly recommended that if
you lost your manual or bought a used radio without
one, that you contact Yeasu parts (contact information
is given at the end of the FAQ) and purchase a new
one.

you can see this at:
http://roxyrox.org/k0lee/ft100faq.html#manual

So, the answer to your question is that the manual
on-line and the printed manual do not correspond with
each other.

73,

Lee, K0LEE
---

ANOTHER OPTION FOR YOU: I HAVE THE RECENTLY PRINTED MANUAL, I COULD
SCAN FOR YOU AND SEND TO YOU BY WAY OF A ZIP FILE WITH A WHOLE BUNCH OF
JPG IN IT FOR EACH PAGE.

Now you have your options.

Tell me what you would like to do about the last option.

Sincerely,
Daniel
==========

On Sun, 03 Feb 2002 18:29:32 -0000 "janlenp" <peaks@...> writes:
> Someone out there have the manual for FT-100D that can be downloaded.
> 73.Len N9HKG
>

---
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Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.

# 11958. Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 04:14:19 UTC
From: hanksterrus
Topic: 11958  Message: 11958

The fan mod and the rf mod were done at the factory, I became curious after reading all the posts and decided to open the radio. They are already done. The screws that hold down the coper strips are clearly visible
and the fans run on uhf and vhf when the rig gets a little warm.

# 11959. tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 06:08:31 UTC
From: theunsucks
Topic: 11959  Message: 11959

Hello,

I would like to know why one should NOT buy this radio. From reading Yaesu's web site <www.yaesu.com> it looks like the perfect all around radio, but I know that is just pretty talk and whatnot. What are things that really bother you about the radio? Does it backtalk you? Do buttons stick? Does the audio RX and TX just totally suck?

Or is it the best thing that has happened to ham radio since the start of ham radio?

I would like to also know how the antenna does as well, for those of you who have the antenna. I know since it is a multi-band antenna, it is not going to be a good as your 80 foot DX monster tower, but does it do what is advertised? In other less confusing words, would it be a good 2m/70cm/HF/6m antenna?

Thanks and 73,
Sean

Another q, (uestion)

Does the CAT cable that you can get for the 817 work on the 100d/100 as well as the 847? Or is Yaesu like some other electronice companies who do their best to make everything different to suck up all your money?

# 11960. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 13:26:36 UTC
From: w3wjr@aol.com
Topic: 11959  Message: 11960

In a message dated 2/4/2002 6:23:27 AM Eastern Standard Time,
cafr@... writes:

Problems:
Out of the box it needs 2 mods done to it. (I don't think new production has
fixed these problems yet)

Extra ground strap or screw added to stop SWR icon from comming on. This
problem shows up after 6 months.

Temp Switch added to the VHF amp section to make the fans cycle on and off
during receive. This cure will make the VHF/UHF receive better after its
warmed up.

Antenna: I have heard of a couple guys having problems, mine is not used that
much and it still works perfect. No its not as good as a 80' tower, but it
works good, and don't look like hell on the vehicial (well not as bad as a
screwdriver does) and you don't need to frame mount it to stop from bending
body parts.

AM You can listen,(well if "real wide" don't bother you, but forget trying to
transmit without the added AM filter. (I know, a couple guys say theres
sounds great without the filter, but I have tried everybody's settings, and
my friends just can't understand what I am saying on AM.

Besides that, its fine.

> I would like to also know how the antenna does as well, for
> those of you who have the antenna. I know since it is a multi-
> band antenna, it is not going to be a good as your 80 foot DX
> monster tower, but does it do what is advertised? In other less
> confusing words, would it be a good 2m/70cm/HF/6m antenna?
>

[Non-text portions of this message have been removed]

# 11961. Re: Thermal switch from Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 15:12:49 UTC
From: w1pa
Topic: 11948  Message: 11961

btw, I called around to a couple of distributors to see if I could find the Tokin thermal switch. It's considered a "semi-custom" part, so unless there are extras laying around somewhere from a recent order, they are really tough to find. The best place to purchase one is probably Yaesu.

Bill
w1pa

# 11962. Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 15:17:36 UTC
From: w1pa
Topic: 11959  Message: 11962

I really wished it had backlit buttons (like the DSP button -- why did this button get preferential treatment?) I'm almost tempted to get one of those little map lights that plugs into the cig lighter jack and point it at the face.

Bill
W1PA

# 11963. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 16:27:36 UTC
From: Pres Waterman
Topic: 11959  Message: 11963

> I would like to know why one should NOT buy this radio. From
> reading Yaesu's web site <www.yaesu.com> it looks like the
> perfect all around radio, but I know that is just pretty talk and
> whatnot. What are things that really bother you about the radio?
> Does it backtalk you? Do buttons stick? Does the audio RX and
> TX just totally suck?

Nope, it's a great radio. Ergonomics are fine.

Bad points: the radio NEEDS mods to work properly, done free under warranty
or easy to do yourself. You need to buy the AM filter if you are going to
use that mode. The 300 (!) memories, without alphanumeric tags, must be
loaded manually.

Good news: John Hansen W2FS is finishing prototypes of a keypad for direct
frequency entry that will signifigantly speed the memory process.
>
> Or is it the best thing that has happened to ham radio since the
> start of ham radio?

Well, it was, until the FT-817 came along.

>
> I would like to also know how the antenna does as well, for
> those of you who have the antenna. I know since it is a multi-
> band antenna, it is not going to be a good as your 80 foot DX
> monster tower, but does it do what is advertised? In other less
> confusing words, would it be a good 2m/70cm/HF/6m antenna?
>

The ATAS is a great mobile antenna. No, I haven't compared against larger
screwdrivers, Texas bugcatchers, CB whips w/ or w/o tuners, loops or any
other exotica. It works just as well as the monoband hamsticks. But to watch
it tune automatically at the touch of a button and load up on 40-6m is a
joy.

It is a fair performer on 2m and 440. About 2 s-units can be gained by using
a seperate 2/440 antenna, well worth doing if you can afford the space.
Saves a duplexer ( reverse splitter ) too.

Bad point: You MUST ground exquisitely well the mount and radio transceiver.

>
> Thanks and 73,
> Sean
>
> Another q, (uestion)

>
> Does the CAT cable that you can get for the 817 work on the
> 100d/100 as well as the 847? Or is Yaesu like some other
> electronice companies who do their best to make everything
> different to suck up all your money?
>

No, the FT-817 and the FT-100 share the RS-232<-->TTL level shifter CAT cable. FT-847 owners are singularly lucky, they get to plug in a $3 "null modem" cable, or make their own. The radio has RS-232 built-in. I can't imagine why mobiles and portables don't.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11964. RE: [FT100] 8-pin to 6-pin modular adapter info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 19:42:55 UTC
From: Smith Rick-CARA91
Topic: 11536  Message: 11964

I am a little slow in catching up with the reading here and this may be answered. Heil offers the adapter in conjunction with the stuff that you need to put their headset on the radio. http://www.heilsound.com/AD-1.htm this is a ad100-8.

-----Original Message-----
From: Pres Waterman [mailto:pres@...]
Sent: Friday, January 11, 2002 7:42 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] 8-pin to 6-pin modular adapter info

> Surely the quickest thing would be to chop off the 8 pin connector from
the
> mic and put on a 6 pin one to suit the radio.

No, this is not good information. The FT-100 has an unusual keying/biasing scheme. A straight PTT and mic connection will not work. You NEED an adapter. It has more then a plug, wires and a socket in it.

And no, I do not know the details, but I think there is a schematic in the Yahoo!groups FT100 site's files section.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11965. RE: [FT100] computer CW on the ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 19:52:09 UTC
From: Smith Rick-CARA91
Topic: 11965  Message: 11965

Bob, I have an interface that was sold originally with NA. I just looked for an online schematic or link to purchase and found none. I did one with a shielded patch box and a few parts in an emergency one contest.. I can fax, mail or otherwise get the information to you after next weekend. It is as home and I am not until then. If you are interested, email to k7gdn@.... I only get into this group to catch up every month or so, they go into a folder otherwise.
KT7G

-----Original Message-----
From: bob frick [mailto:bobndeb@...]
Sent: Sunday, January 20, 2002 11:26 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] computer cw on the ft-100

Robert (Bob),
Go on a little further on this setup. I have the Ft-100 as you know, and I also have hamscope but I cant figure out how to do what you aree explaining.
Bob
----- Original Message -----
From: robert blumenkranz
To: FT100@yahoogroups.com
Sent: Wednesday, January 16, 2002 5:34 PM
Subject: Re: [FT100] computer cw on the ft-100

Use VOX mode if you have it with your HF transceiver
while in the SSB mode. This allow you to use a tone to
key the transmitter on CW with a free program like
hamscope. Full break in is possible with no hardware
connection to the rig.
73 ni6r
--- bob54751 <bobndeb@...> wrote:
> Folks,
> I am stuck out here in Azerbaijan and working as
> 4K0RF. I have
> my laptop and FT-100 with me and am trying to key
> the rig via my
> computer. Anybody have any schematics or ideas on
> how to connect
> the LPT port of the computer to the key jack?
> Thanks
>
>
>

---
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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 11966. Re: [FT100] Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 20:06:22 UTC
From: Pres Waterman
Topic: 11959  Message: 11966

> I really wished it had backlit buttons (like the DSP button -- why
> did this button get preferential treatment?) I'm almost tempted to
> get one of those little map lights that plugs into the cig lighter
> jack and point it at the face.

Radio Shack had a nice one on sale for $1.97, it may be back to a couple of bucks

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11967. Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 20:59:22 UTC
From: backhoefade
Topic: 11959  Message: 11967

We saw what appeared to be about a 1955 or so T-bird yesterday in absolutely immaculate condx. Wonder what that's worth. To keep this on the basic topic, there was a mag-mount antenna on it; maybe connected to an FT-100D.

--- In FT100@y..., "Pres Waterman" <presw@1...> wrote:
>
>
> > I really wished it had backlit buttons (like the DSP button -- why
> > did this button get preferential treatment?) I'm almost tempted to
> > get one of those little map lights that plugs into the cig lighter
> > jack and point it at the face.
>
>
> Radio Shack had a nice one on sale for $1.97, it may be back to a couple of
> bucks
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11968. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 18:08:35 UTC
From: John Spiceman
Topic: 11959  Message: 11968

Ditto on what has already been given.

The noise blanker is about the best I've heard in a mobile installation.

I'm just learning to use the IF shift which shows up on the screen using a sine wave and moves left or right depending on the control setting.

There are several programs available to hook it up to a computer with the CAT cable. (available separately)

The ATAS100 antenna takes the inconvenience out of band switching in the car...and I suppose in the house with the grouind plane attachment. With the push of a button you can go from 40mtrs to 6mtrs. 80mtrs is not included but that band in the car is marginal no matter what you use. I simply screw it into an MFJ mag mount on slap it on the back trunk lid. It doesn't looked like you've been skewered with a telephone pole when pulling up to a customer.

Its got so many possiblities no matter what mode you run IF the 2 mods are performed. Can't stress that enough.

John - WB0RLD

--- theunsucks <cafr@...> wrote:
> Hello,
>
> I would like to know why one should NOT buy this
> radio. From
> reading Yaesu's web site <www.yaesu.com> it looks
> like the
> perfect all around radio, but I know that is just
> pretty talk and
> whatnot. What are things that really bother you
> about the radio?
> Does it backtalk you? Do buttons stick? Does the
> audio RX and
> TX just totally suck?
>
> Or is it the best thing that has happened to ham
> radio since the
> start of ham radio?
>

> I would like to also know how the antenna does as
> well, for
> those of you who have the antenna. I know since it
> is a multi-
> band antenna, it is not going to be a good as your
> 80 foot DX
> monster tower, but does it do what is advertised?
> In other less
> confusing words, would it be a good 2m/70cm/HF/6m
> antenna?
>
>
> Thanks and 73,
> Sean
>
> Another q, (uestion)
>
> Does the CAT cable that you can get for the 817 work
> on the
> 100d/100 as well as the 847? Or is Yaesu like some
> other
> electronice companies who do their best to make
> everything
> different to suck up all your money?
>
>
>

---------------------------------------------------
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http://auctions.yahoo.com

# 11969. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 18:16:40 UTC
From: John Spiceman
Topic: 11805  Message: 11969

Chas,
I talked to a guy using a D-104 Dynamic on 10mtr SSB a
couple of weeks ago. Sounded fine to me.

I've got several ceramic D-104's and one dynamic. If
you get the ceramic to work, please post your
findings. I'm sure you'll need more output than the
D-104 puts out but the preamp should do it.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> This is the kind of feedback I like - right in phase
> with
> my experience. I'm not surprised that the finals
> didn't heat up
> with the slight peak power increase. It's the
> average power
> dissipated in the devices that's going to bring up
> the temp and
> although the increased peaks do raise the average
> power a bit it's
> not much. What you don't want to do is run CW
> beyond the rated 100
> Watts output. And when you run FM on 29 MHz pull
> the average power
> back to 50 Watts. Glad it worked out for you. I'm
> setting up a
> pre-amp for my D-104 mic. That's going to be
> interesting using the
> FT-100D with a D-104 on AM. I can set the drive to
> my SB-220 for an
> unmodulated carrier output power of 250 Watts and
> basically have a kW
> PEP AM station with the FT100D!
> N6AF Chas
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...>
> wrote:
> > Chas,
> > Had a chance to implement the changes on F15 that
> you
> > suggested. When I advance F15 upward, the maximum
> > output happens at about 140. Any higher does
> nothing
> > additional and probably creates a lot of otehr

> > problems.
> >
> > Keeping either audio gain or PRO at 17, the new
> F15
> > setting pops the output up considerably on the
> FT100
> > meter. It stills shows a downward deflection on
> the
> > output meter but only slighly except on extreme
> audio
> > peaks.
> >
> > The scope looks just fine. As a matter of fact, I
> > tried to make it flat top and couldn't. Must be
> the
> > ALC working. Am getting great reports on AM now
> and
> > the signal is a lot stronger. Before, I'd get good
> > audio reports but the signal was pretty thin on
> AM.
> >
> > If you use the CAT100 software, there is actually
> a
> > thermometer onscreen that supposedly reads some
> kind
> > of temp on the PA. For what its worth, I ran the
> rig
> > in the former position for about 5 mins and then
> in
> > the new higher position for 5 mins. No difference
> in
> > temperature. The fans don't seem to be working any
> > harder either.
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > The "HF 100W" control, F15, increases the
> maximum
> > > output power of the
> > > rig. In CW you can adjust it for up to about
> 150
> > > Watts or so. I
> > > don't know if the transmit average power is
> folding
> > > back in AM mode
> > > because of ALC action or if this is due to the
> > > fundamental power
> > > limitation of the PA but what I do know is that
> if

> > > you increase the
> > > effective third order intercept of the PA (to
> put it
> > > in those terms)
> > > then of course the PA will be able to linearly
> > > handle a somewhat
> > > higher PEP. The apparent drop in average power
> as
> > > witnessed on a
> > > Bird wattmeter in AM disappears when the PA's
> > > overhead is increased
> > > slightly. The linearity of the PA is
> compromised on
> > > AM voice peaks
> > > and adding a bit more peak power capability
> > > elminates the
> > > compression. As observed on an oscilloscope the
> AM
> > > envelope does not
> > > extend beyond 100% modulation. It's a very
> clean
> > > looking envelope.
> > > The audio reports on the air are very good.
> > > N6AF Chas
> > >
> > > --- In FT100@y..., "Dr. Gerald N. Johnson,
> > > electrical engineer"
> > > <geraldj@i...> wrote:
> > > > Composite power peaks starving the carrier?
> > > Nonsense. Just the
> > > positive
> > > > peaks are hitting the ALC and cutting the gain
> > > after the balanced
> > > > modulator and filter. If the ALC is properly
> set
> > > for 100 watts peak
> > > > output, and the carrier is properly set for 25
> > > watts. Any ALC action
> > > > comes from trying to drive the positive peaks
> to
> > > over 100%
> > > modulation
> > > > which means the negative peaks are cutting off
> and
> > > splattering.
> > > Setting
> > > > the ALC for more than 100 watts output is
> asking
> > > for splatter from
> > > the

> > > > PA clipping, to say nothing of shortened life
> from
> > > being overdrive
> > > and
> > > > overheated. Better think about water cooling
> if
> > > you want to run more
> > > > power in such a small package, air cooling
> isn't
> > > going to do it. And
> > > > with Yaesu wanting $200 a transistor, I don't
> > > think melting PA
> > > > transistors is a positive outcome, except it
> stops
> > > the splatter.
> > > >
> > > > 73, Jerry, K0CQ
> > > >
> > > > --
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> Johnson.
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> > >
> > >
> >
> >
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# 11970. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 22:23:18 UTC
From: A V Flinsch
Topic: 11959  Message: 11970

On Monday 04 February 2002 11:27, you wrote:
> > I would like to know why one should NOT buy this radio. From
> > reading Yaesu's web site <www.yaesu.com> it looks like the
> > perfect all around radio, but I know that is just pretty talk and
> > whatnot. What are things that really bother you about the radio?
> > Does it backtalk you? Do buttons stick? Does the audio RX and
> > TX just totally suck?
>
> Nope, it's a great radio. Ergonomics are fine.

Mostly OK, I find that the buttons are a bit small, but I have fat
fingers also...

> are going to use that mode. The 300 (!) memories, without alphanumeric
> tags, must be loaded manually.

That part sucks big time. There does not seem to be a way to program
memory locations via computer control either.

--
Alex
KC2IVL
Linux 2.4.17 #2 Fri Dec 28 22:30:02 EST 2001 i686
5:20pm up 4 days, 22:38, 2 users, load average: 0.09, 0.12, 0.05

# 11971. Re: [FT100] Re: FT-100D manual downloaded wanted

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 22:38:25 UTC
From: Einar Carlsen
Topic: 11957  Message: 11971

Daniel:
If you decide to scan and provide a zip file for the ft-100 manual, let me know please. I will gladly kick in a couple of bucks to help defray any costs you may incurr. I imagine lots of other guys would too. I would very much like to have a manual on my computer as well as the hard copy.
You are right, the one on the yaesu section of the fcc or whatever is not very good. I downloaded it just for the fun of it and am going to delete it it is a waste of space.
VE7BAQ
----- Original Message -----
From: Ham_Tech@...
To: peaks@... ; FT100@yahoogroups.com
Sent: Sunday, February 03, 2002 7:28 AM
Subject: [FT100] Re: FT-100D manual downloaded wanted

Hi Len and anyone else in the group!!!

In Reply to Peaks@... 's message to the group::

READ THIS WHOLE MESSAGE, BEFORE TAKING ACTION.

So far, according to the things on the list I have read, a new manual is
being reconstructed for the FT100D.
---------------------------------------
"Just ordered the FT100D service manual from Yaesu.They
say they are back ordered due to an update currently
in progress and expect to have the manuals in-house in
early march"
---------------------------------------
I recently received the FT100 manual so that I could do some research
on the structure of the outputs of this fine rig.

There is an older version that was used during the testing done by the
FCC. Here is some info on how you can get it.
---------------------------------------
"Here is the info from a previous posting:

The schematics and manuals can be found by going to:
http://www.fcc.gov/oet/fccid/
Use the Grantee code K66, and the equipment product
code FT-100, and select
View Exhibits, to get to schematics, photos, block
diagram, parts lists and
a PDF version of the user manual. Many changes have
occurred since the
grant, but it will give you enough information to help
you make your

decision. I would also like to mention that the FT817
information was
submitted as .pdf files, whereas the FT100 was scanned
and converted to .pdf
so it won't be as nice to view as the FT817
information. I found the FT100
schematics to be unusable.

73,

Lee, K0LEE

Hi Daniel,

Since the question about the on-line manual seems to
occur quite frequently, I've updated the FAQ. Here is
some text I added to it:

The manual shown appears to be only a rough draft with
36 pages of information vs. 108 in the finished
manual. It contains no illustrations. The manual
and schematics were scanned and converted to .pdf and
you will find resolution of the schematics is not high
enough to be usable. It is highly recommended that if
you lost your manual or bought a used radio without
one, that you contact Yeasu parts (contact information
is given at the end of the FAQ) and purchase a new
one.

you can see this at:
http://roxyrox.org/k0lee/ft100faq.html#manual

So, the answer to your question is that the manual
on-line and the printed manual do not correspond with
each other.

73,

Lee, K0LEE
---

ANOTHER OPTION FOR YOU: I HAVE THE RECENTLY PRINTED MANUAL, I COULD
SCAN FOR YOU AND SEND TO YOU BY WAY OF A ZIP FILE WITH A WHOLE BUNCH OF
JPG IN IT FOR EACH PAGE.

Now you have your options.

Tell me what you would like to do about the last option.

Sincerely,
Daniel
==========

On Sun, 03 Feb 2002 18:29:32 -0000 "janlenp" <peaks@...> writes:
> Someone out there have the manual for FT-100D that can be downloaded.
> 73.Len N9HKG
>

---
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[Non-text portions of this message have been removed]

# 11972. Re: [FT100] Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 17:35:38 UTC
From: Lee Boulineau
Topic: 11959  Message: 11972

I use a little reading light that uses a pair of AA
cells - they last forever, there's no hookup to
anything else, and I get light right where I need it -
and the lights are inexpensive!

73 de N4MVL
Lee

--- w1pa <w1pa@...> wrote:
> I really wished it had backlit buttons (like the DSP
> button -- why
> did this button get preferential treatment?) I'm
> almost tempted to
> get one of those little map lights that plugs into
> the cig lighter
> jack and point it at the face.
>
> Bill
> W1PA
>
>
>

_____
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# 11973. FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 00:41:23 UTC
From: k5unm
Topic: 11973  Message: 11973

My FT100 has been in Cerritos for 10 weeks with no word back from Yaesu as to when or how much. This is the second trip back for the same failure mode, loss of V/U output. Took less than 4 weeks the first time. Having worked for Motorola Semi in Phoenix I know the process to create SRF devices from MRF. I'm not to happy about the fact that there is not a standard part to substitue for the HF finals and the custom hybrid for V/U is the pits.

Whats the longest wait time for repairs that the group knows about?

# 11974. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 01:02:27 UTC
From: backhoefade
Topic: 11973  Message: 11974

Please describe the "SRF process" briefly - thanks.
N6AF Chas

--- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> My FT100 has been in Cerritos for 10 weeks with no word back from
> Yaesu as to when or how much. This is the second trip back for the
> same failure mode, loss of V/U output. Took less than 4 weeks the
> first time. Having worked for Motorola Semi in Phoenix I know the
> process to create SRF devices from MRF. I'm not to happy about the
> fact that there is not a standard part to substitue for the HF
finals
> and the custom hybrid for V/U is the pits.
>
> Whats the longest wait time for repairs that the group knows about?

# 11975. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 02:07:11 UTC
From: Mark Tetrault
Topic: 11973  Message: 11975

On Tue, 05 Feb 2002 00:41:23 -0000, you wrote:

>My FT100 has been in Cerritos for 10 weeks with no word back from
>Yaesu as to when or how much. This is the second trip back for the
>same failure mode, loss of V/U output. Took less than 4 weeks the
>first time. Having worked for Motorola Semi in Phoenix I know the
>process to create SRF devices from MRF. I'm not to happy about the
>fact that there is not a standard part to substitue for the HF finals
>and the custom hybrid for V/U is the pits.
>
>Whats the longest wait time for repairs that the group knows about?

My non warrantee FT8000 was gone 12 weeks when I called, It took
another 2 to get it back. They never called, I did all the calling and
they shipped it back with a charge to my CCard without my knowing how
much.

Very Poor Service.......

Mark

# 11977. RF speech processor for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 02:11:56 UTC
From: sp8fwb
Topic: 11977  Message: 11977

I homebrewed RF speech processor for FT-100. It contains 2 crystal filters, 2 SA602A mixers and 2 transistors. It connects to the back connector for packet radio. The microphone is Heil HMM. With the processor on,I am getting signal reports about 2S better. FT-100 with this processor is like another radio because many more QSOs are comfortable instead of being a struggle with noise or QRM. The processor does not distort although the signal loses its natural sound.

I would strongly suggest building or buying an RF speech processor for anyone who feels that his FT-100 would benefit from an extra punch. It is like adding a 500W amplifier that draws 20mA extra power.

73,
Ignacy
no9e@...

# 11978. serial # vs date of manf.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 02:18:06 UTC
From: Jan and/or Len Peak
Topic: 11978  Message: 11978

Anyone know how the serial numbers refer to the date of manufacture on the FT-100D w/out going into the FAQ ,want to make sure my radio was put together after May 2001 tnx and 73 to the group.....Len N9HKG

[Non-text portions of this message have been removed]

# 11979. RE: [FT100] serial # vs date of manf.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 02:45:00 UTC
From: Blaine
Topic: 11978  Message: 11979

Hi Len,

This is cut and paste from FAQ. Saves retyping.

Blaine

Serial Numbers

Yaesu appears to use the following format for serial numbers on their amateur products:

Year of manufacture-Month of manufacture-Production Run-Individual Unit number

Example: 9D051234 = 1999, February (second month, or "D"), Production Run 05, unit #1234 in this run.

(Apparently Yaesu does not use the letters A or B as a letter in the second position, hence the first month, January, would be a 'C', February is a 'D', etc..)

Some members have reported that they are receiving models beginning with 9D at late as February, 2000 while others are getting units with serial numbers beginning with 9I. It is unlikely that the 9D units are factory refurbished but rather units that had been accumulating waiting to be updated to the latest revision level and sold as new. Refurbished products are required by law to be marked as such.

-----Original Message-----
From: Jan and/or Len Peak [mailto:peaks@...]
Sent: Monday, February 04, 2002 6:18 PM
To: FT100@yahoogroups.com
Subject: [FT100] serial # vs date of manf.

Anyone know how the serial numbers refer to the date of manufacture on the FT-100D w/out
going into the FAQ ,want to make sure my radio was put together after May 2001 tnx and 73 to the group.....Len N9HKG

[Non-text portions of this message have been removed]

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 11980. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 03:47:11 UTC
From: Wilfrid Maillet
Topic: 11973  Message: 11980

Why does the V/U power amp tend to overheat even in the receive mode.
Cannot see why it would be drawing current while in receive?

# 11982. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 04:50:59 UTC
From: Pres Waterman
Topic: 11959  Message: 11982

> The noise blanker is about the best I've heard in a
> mobile installation.

Yes, I forgot about that. True!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 11983. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 04:06:07 UTC
From: Glen Farough
Topic: 11973  Message: 11983

Little fellow draws 1200 ma receiving on all bands
Can be reduced by turning down the display brightness
to 50 percent...drops it to about 850 ma...
Those 3 microproccessors are current hungry...
Put a time out timer on the radio of 1 hour so that
it won't kill the battery in the vehicle if it is
hooked up to a full time power source...
It sure runs nice and cool on vhf/uhf with that simple
50 ohm resistor mod that the user group discusses with
every other posted method (50-100 ohm resistor from
either black fan wire to ground...Fans speed up on
transmit as ussual but run at low speed full time when
receiving...
Have fun with that great FT-100D radio!
73 de Glen VE7LGF
--- Wilfrid Maillet <wilfrid@...> wrote:
> Why does the V/U power amp tend to overheat even in
> the receive mode.
> Cannot see why it would be drawing current while in
> receive?
>
>

_____
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# 11984. Re: Recieve Audio has dropped to almost nothing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 04:36:37 UTC
From: georgeah6bv
Topic: 11481  Message: 11984

Look for earlier "Deaf RX" postings. If it's what you are
experiencing, you can send it in to Yaesu for repair (beware of long
turnaround time and/or might not even be repaired).

GL, George AH6BV / w1

--- In FT100@y..., "Alvin M. Norris" <w8ujm@e...> wrote:
>
>
>
> I was using my ft100 this weekend. I had programmed some new
memories and
> set some parameters. I noticed that the audio had all but
dissapeared. This
> seems to be on all modes and bands.

# 11985. Re: Recieve Audio has dropped to almost nothing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 04:36:59 UTC
From: georgeah6bv
Topic: 11481  Message: 11985

Look for earlier "Deaf RX" postings. If it's what you are
experiencing, you can send it in to Yaesu for repair (beware of long
turnaround time and/or might not even be repaired).

GL, George AH6BV / w1

--- In FT100@y..., "Alvin M. Norris" <w8ujm@e...> wrote:
>
>
>
> I was using my ft100 this weekend. I had programmed some new
memories and
> set some parameters. I noticed that the audio had all but
dissapeared. This
> seems to be on all modes and bands.

# 11986. Deaf RX / Service Manual Part No. Info Please

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 04:59:34 UTC
From: georgeah6bv
Topic: 11986  Message: 11986

Would appreciate it very much if someone with a service manual could look up part number "A08980048" as described by John below.

I am not desperate enough yet to send my FT-100 out to California for a 2-month vacation.

BTW, my FT-100 had the high SWR syndrom on 10M - was cured by doing the mods on file. Have not done the resistor / fan mod for VHF/UHF since most use is on HF. I may do so just to keep the fans running to see if it cures the Deaf RX. It's just that I hate to address the symptom/s.

Also, it seems like procuring spare cooling fans would be the right thing to do. Those fans are due to wear out because of the high duty cycle application. I wonder how much they cost?

73, George AH6BV/w1

==========
I just got my FT100D back from Yaesu in California. I'm happy to report
that it looks as if they successfully repaired my "deaf RX" problem after warmup that George AH6BV so ably described (below) and several others have reported on this list. I've warmed it up and had it on now for 24 hours. So far, it hasn't lost any RX sensitivity. Hooray!

From the invoice it appears that the only part replaced was one "A08980048". I don't have the service manual or detailed parts list so I can't describe it further. Can anyone shed some light on what component this is in the schematic? Is it in the physical area to which George seemed to narrow down the problem with his heat/cool testing?

<paragraph omitted>

73, John W2KI
---
on 4 Jan. 2002
georgeah6bv wrote:
>
> I just purchased a used FT-100, sn 0J..... that has the same
> symptoms. I practically took my coax patch cords and switches apart
> thinking I had a faulty connection. Same thing - S9 signals drop to
> S1 within a minute. Powering it off and on restores the RX
> sensitivity temporarily before it dies down. This is true for HF and
> 2M - only because I had no 6M or 430 sigs to monitor, and I was
> toggling A/B VFOs.

>
> I removed the top cover and it seemed to cure the problem - seems to
> be thermal in nature. I borrowed the XYL's hair dryer with
> hot/normal air capability and did some hot/cold troubleshooting.
>
> Found that the suspect component or condition is in the LPF board
> centered between the large black relay that the two coax leads
> connect to, and the ribbon cable. I tuned to strong signals on 20M
> and 2M and actually made the condition appear and disappear by
> heating and cooling that aarea of the LPF board.
>
> Examination of the affected area in the LPF board shows that there
is
> one resistor glued to the top of an IC chip which could be a
> temperature sensor?
>
> I removed the 5 screws holding the LPF board to the chassis, applied
> De-Oxit to the screw lips and board's solder layered screwholes,
> thinking maybe board expansion was leading to less than optimal
> grounding. It seemed to do the trick - signals stayed at normal
> levels longer than before - almost half-an-hour. Once it dropped, it
> was back to the same old symptoms.
>
> So... it may be that a grounding scheme for LPF board (to compensate
> for expansion diff) may do the trick. Or it may be the resistor?
>
> I've given up for today. I put the radio back together. I have a
> little fan blowing onto the top cover rear vents. The radio RX has
> been operating normally. Just that instead of an internal fan mod, I
> have an external fan mod ;-)
>
> George AH6BV / w1

# 11987. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 06:45:37 UTC
From: n9cv
Topic: 11973  Message: 11987

My FT-100 took 81 days including shipping. I called many, many times and sent many emails while it was gone. I finally got an answer after 10 weeks on one email. I received the radio a week and one half later. I have been very happy with the radio after it was returned.

By comparison I sent a radio to ICOM (for the kid next door) just after Christmas for warrantee repair. I received it back in 11 days from Washington. This included the mailing time round trip from Indiana.

I still love the FT-100, but the customer service (at least out of Cerritos Ca.) is terrible.

Ken - N9CV

--- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> My FT100 has been in Cerritos for 10 weeks with no word back from
> Yaesu as to when or how much. This is the second trip back for the
> same failure mode, loss of V/U output. Took less than 4 weeks the
> first time. Having worked for Motorola Semi in Phoenix I know the
> process to create SRF devices from MRF. I'm not to happy about the
> fact that there is not a standard part to substitue for the HF
finals
> and the custom hybrid for V/U is the pits.
>
> Whats the longest wait time for repairs that the group knows about?

# 11988. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 01:36:23 UTC
From: Bob Cheek
Topic: 11973  Message: 11988

Mine was there 9 weeks (Sent in early November) and
the bill was $505 for the VHF final and three chip
caps in the final circuit.

I elected not to repair it, and it has been two weeks
and the radio is still not back.

Got any insight on a substitute part for the SRF7043
VHF/UHF Final? I haven't found anything as yet, and
I'm just not up to putting a $230 replacement in
there.

DE WB4EJE

--- k5unm <k5unm@...> wrote:
> My FT100 has been in Cerritos for 10 weeks with no
> word back from
> Yaesu as to when or how much. This is the second
> trip back for the
> same failure mode, loss of V/U output. Took less
> than 4 weeks the
> first time. Having worked for Motorola Semi in
> Phoenix I know the
> process to create SRF devices from MRF. I'm not to
> happy about the
> fact that there is not a standard part to substitue
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> and the custom hybrid for V/U is the pits.
>
> Whats the longest wait time for repairs that the
> group knows about?
>
>

_____
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# 11989. RE: [FT100] Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 10:54:10 UTC
From: Eric van de Weyer
Topic: 11959  Message: 11989

Hi Bill,

well, the reason for the backlit DSP button is to remind you that you have one of the DSP functions activated when you are not in the DSP part of the menu.

I s'pose you are better off learning where the buttons are so you can find them by feel rather than havingf to take your eyes of the road if you are driving. that is what I am doing with my unit. Only needs an occasional glance to check the display which is very easy to read day or night.

I have in the past had a problem with a rig which didn't have any lighting of the panel at all and was below and further into the dash from the stereo. I installed about 4 green leds in the lower edge of the escutcheon around the stereo which then illuminated the front panel sufficiently to find things in the dark.

73....Eric VK2KUR.
-----Original Message-----
From: w1pa [mailto:w1pa@...]
Sent: Tuesday, 5 February 2002 2:18 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: tiffs for 100d/100

I really wished it had backlit buttons (like the DSP button -- why did this button get preferential treatment?) I'm almost tempted to get one of those little map lights that plugs into the cig lighter jack and point it at the face.

Bill
W1PA

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[Non-text portions of this message have been removed]

# 11990. Re: [FT100] Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-04 21:57:42 UTC
From: Pres Waterman
Topic: 11959  Message: 11990

> We saw what appeared to be about a 1955 or so T-bird yesterday in
> absolutely immaculate condx. Wonder what that's worth. To keep this
> on the basic topic, there was a mag-mount antenna on it; maybe
> connected to an FT-100D.

No clue, I am not an old car aficionado.

But the car has a 6v system, I would be surprised if there really was an FT-100 in it!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11991. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 10:43:25 UTC
From: Ham_Tech@juno.com
Topic: 11973  Message: 11991

Hi group,

If I send the FT100 back to Cerritos under the 1year warranty do I have
to pay for the repairs??

dan

---
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# 11992. Re: tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 16:40:33 UTC
From: backhoefade
Topic: 11959  Message: 11992

Must have been an FT-50 (half voltage) ??????????? Hi

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
>
> > We saw what appeared to be about a 1955 or so T-bird yesterday in
> > absolutely immaculate condx. Wonder what that's worth. To keep
this
> > on the basic topic, there was a mag-mount antenna on it; maybe
> > connected to an FT-100D.
>
>
> No clue, I am not an old car aficionado.
>
> But the car has a 6v system, I would be surprised if there really
was an
> FT-100 in it!
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 11993. Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 15:05:30 UTC
From: jimzf
Topic: 11993  Message: 11993

Does anyone have experience with the 22 amp switching power supply from either Yaesu or Samlex? They are supposedly the same. I am hearing mixed reports about RF hash. Want to use it with my new 100D but don't know whether to go with switching or Astron.

Tnx - Jim, K2PW

# 11994. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 15:28:41 UTC
From: Mike May
Topic: 11973  Message: 11994

Oh yes,

I to worked for RF power at 52nd street in Phoenix designing the first LDMOS 2 ghz parts and WLL amplifier sets and I was familiar with the SRF process also. Right now I'm looking at a company in Newbury Park California. that makes 13 Volt and 28 volt FETS as a possible sub for the V/U final, to me it makes no sense to keep putting the same SRF part in if they keep croaking.
Right now I have one of their 28 volt 20 watt devices in mine and my power is flat at 13 watts VHF and UHF which is a lot better than running on the driver stage by itself. I hope to have one of their 13 volt 40 watt parts to test out later this month.

Mike
WB8vlc/7
Prescott, AZ.

k5unm wrote:

> My FT100 has been in Cerritos for 10 weeks with no word back from
> Yaesu as to when or how much. This is the second trip back for the
> same failure mode, loss of V/U output. Took less than 4 weeks the
> first time. Having worked for Motorola Semi in Phoenix I know the
> process to create SRF devices from MRF. I'm not to happy about the
> fact that there is not a standard part to substitue for the HF finals
> and the custom hybrid for V/U is the pits.
>
> Whats the longest wait time for repairs that the group knows about?
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[Non-text portions of this message have been removed]

# 11995. Re: [FT100] Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 15:35:04 UTC
From: Mike May
Topic: 11973  Message: 11995

The SRF process in a nutshell is to take an existing device and the same or similar die and then repackage it in a custom non-standard flange/package( which may and usually does have different thermal characteristics), IE it is not a prefered part anymore nor is there any data available for it from the standard data book, and then it is bonded up to meet the customers specs not Motos. all of this is done just because some MFG. (IE Yaesu for example) wants to have a proprietary device that you the end user cannot replace with another MFG. similar copy cat device, IE such as a replacement part from RF parts Co. for example.

Mike
backhoefade wrote:

> Please describe the "SRF process" briefly - thanks.
> N6AF Chas
>
> --- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> > My FT100 has been in Cerritos for 10 weeks with no word back from
> > Yaesu as to when or how much. This is the second trip back for the
> > same failure mode, loss of V/U output. Took less than 4 weeks the
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> > Whats the longest wait time for repairs that the group knows about?
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[Non-text portions of this message have been removed]

# 11996. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 19:39:53 UTC
From: w3wjr@aol.com
Topic: 11996  Message: 11996

In a message dated 2/5/2002 12:45:52 PM Eastern Standard Time,
k2pw@... writes:

I have an MFJ 45A switcher, I was very disappointed when I brought it home
and discovered that a loud fan runs all the time. I went to buy an astron
35A, but they did not have one, and sold me the MFJ for the same price
(actually a good deal).

Never heard any RF hash out of my MFJ, and now that I put it inside a
cabinet, I can't hear the fan.

Will R

Does anyone have experience with the 22 amp switching power supply
>
> from either Yaesu or Samlex? They are supposedly the same. I am
> hearing mixed reports about RF hash. Want to use it with my new 100D
> but don't know whether to go with switching or Astron.
>
> Tnx - Jim, K2PW
>

[Non-text portions of this message have been removed]

# 11997. FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 20:28:56 UTC
From: Ham_Tech@juno.com
Topic: 11997  Message: 11997

Greetings to the group,

I have the FT100 manual in zip format. If anyone needs it for work or while your away from normal routines and have forgotten your manual.... I will foward you the zip file. I use Winzip found at winzip.com (free version) to zip/unzip the files.

Use common sense. The copy is for your personal use and not for sale.

Daniel
kg4dni

_____
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http://dl.www.juno.com/get/web/.

# 11998. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 20:37:32 UTC
From: Noel Barquira
Topic: 11997  Message: 11998

pls forward me a copy.
Thanks in advance.
Noel

>From: Ham_Tech@...
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] FT100 manual
>Date: Tue, 5 Feb 2002 20:28:56 GMT
>
>Greetings to the group,
>
>I have the FT100 manual in zip format. If anyone needs it for work or
>while your away from normal routines and have forgotten your manual.... I
>will foward you the zip file. I use Winzip found at winzip.com (free
>version) to zip/unzip the files.
>
>Use common sense. The copy is for your personal use and not for sale.
>
>Daniel
>kg4dni
>
>
>
>_____
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# 11999. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:03:16 UTC
From: David F. Morse
Topic: 11993  Message: 11999

---
Jim; DO NOT buy the Astron. I am doing RFI studies here at my apt and I used my Astron and then my car battery. the diff is really noticeable. I then bought an MFJ 4245mv and it was as good as the battery.
David in Denver
k0dar
---

>Does anyone have experience with the 22 amp switching power supply
>from either Yaesu or Samlex? They are supposedly the same. I am
>hearing mixed reports about RF hash. Want to use it with my new 100D
>but don't know whether to go with switching or Astron.
>
>Tnx - Jim, K2PW

--

# 12000. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:06:23 UTC
From: backhoefade
Topic: 11973  Message: 12000

If I understand you correctly you're saying that the device itself in terms of S-parameters and other fundamental electronic characteristics is no different than the "standard" part. It's just packaged differently. Ignoring the thermal difference for the moment, it seems to me that it would be possible to fashion a carrier for the standard device that would allow you to drop it into an "SRF" footprint. The challenge would be to get the heat out of the thing. Still, it seems to me that there must be some arrangement that would couple the heat to the chassis/heatsink. Easier said than done, I know. I found the replacement devices for the HF amp for about $67 at the "RF Parts" Co website but I guess there is no direct, available VHF/UHF replacement. Think of the good old days with a pair of basic 6146's glowing at you!

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> The SRF process in a nutshell is to take an existing device and the same
> or similar die and then repackage it in a custom non-standard
> flange/package( which may and usually does have different thermal
> characteristics), IE it is not a prefered part anymore nor is there any
> data available for it from the standard data book, and then it is bonded
> up to meet the customers specs not Motos. all of this is done just
> because some MFG. (IE Yaesu for example) wants to have a proprietary
> device that you the end user cannot replace with another MFG. similar
> copy cat device, IE such as a replacement part from RF parts Co. for
> example.
>
>
> Mike
> backhoefade wrote:
>
> > Please describe the "SRF process" briefly - thanks.
> > N6AF Chas
> >
> > --- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> > > My FT100 has been in Cerritos for 10 weeks with no word back from
> > > Yaesu as to when or how much. This is the second trip back for the
> > > same failure mode, loss of V/U output. Took less than 4 weeks the
> > > first time. Having worked for Motorola Semi in Phoenix I know

the
> > > process to create SRF devices from MRF. I'm not to happy about
the
> > > fact that there is not a standard part to substitue for the HF
> > finals
> > > and the custom hybrid for V/U is the pits.
> > >
> > > Whats the longest wait time for repairs that the group knows
about?
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
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> [Wulfsberg Electronics Division; Prescott, Arizona USA]
>
>
>
> [Non-text portions of this message have been removed]

# 12001. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:30:40 UTC
From: David Kiwerski
Topic: 11996  Message: 12001

Dave,

Interesting, we tested the Astron switching supply here in the shop and found no RFI on the HF bands at all. What model was it? We use the SS-18 here.

Dave WP2AAT

"David F. Morse" wrote:
> 
> ---------------
> Jim; DO NOT buy the Astron. I am doing RFI studies here at my apt and
> I used my Astron and then my car battery. the diff is really
> noticeable. I then bought an MFJ 4245mv and it was as good as the
> battery.
> David in Denver
> k0dar
> ----------------
> 
> >Does anyone have experience with the 22 amp switching power supply
> >from either Yaesu or Samlex? They are supposedly the same. I am
> >hearing mixed reports about RF hash. Want to use it with my new 100D
> >but don't know whether to go with switching or Astron.
> >
> >Tnx - Jim, K2PW
> 
> --
> 
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> 
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> 
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# 12002. Re: [FT100] Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:34:53 UTC
From: David Kiwerski
Topic: 11973  Message: 12002

What is the RF-Parts number?

DaveK WP2AAT

backhoefade wrote:
>
> If I understand you correctly you're saying that the device itself in
> terms of S-parameters and other fundamental electronic
> characteristics is no different than the "standard" part. It's just
> packaged differently. Ignoring the thermal difference for the
> moment, it seems to me that it would be possible to fashion a carrier
> for the standard device that would allow you to drop it into an "SRF"
> footprint. The challenge would be to get the heat out of the thing.
> Still, it seems to me that there must be some arrangement that would
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> > data available for it from the standard data book, and then it is
> bonded
> > up to meet the customers specs not Motos. all of this is done just
> > because some MFG. (IE Yaesu for example) wants to have a proprietary
> > device that you the end user cannot replace with another MFG.
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> >
> > Mike
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> > > N6AF Chas
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> > > --- In FT100@y..., "k5unm" <k5unm@c...> wrote:
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> > > > same failure mode, loss of V/U output. Took less than 4 weeks
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> about?
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> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
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> > [Wulfsberg Electronics Division; Prescott, Arizona USA]
> >
> >
> >
> > [Non-text portions of this message have been removed]

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12003. Re: Deaf RX / Service Manual Part No. Info Please

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:53:16 UTC
From: kg4fet
Topic: 11986  Message: 12003

--- In FT100@y..., "georgeah6bv" <ah6bv@a...> wrote:
> Would appreciate it very much if someone with a service manual
could
> look up part number "A08980048" as described by John below.
>
> I am not desperate enough yet to send my FT-100 out to California
for
> a 2-month vacation.
>
> BTW, my FT-100 had the high SWR syndrom on 10M - was cured by doing
> the mods on file. Have not done the resistor / fan mod for VHF/UHF
> since most use is on HF. I may do so just to keep the fans running
> to see if it cures the Deaf RX. It's just that I hate to address
the
> symptom/s.
>
> Also, it seems like procuring spare cooling fans would be the right
> thing to do. Those fans are due to wear out because of the high
duty
> cycle application. I wonder how much they cost?
>
> 73, George AH6BV/w1
>
>

George,
The cooling fans could be free if you don't mind snatching computers off the side of the road. I have a vast collection of the PWR supply fans and a couple of CPU cooling fans as spares for the FT 100's if they do decide to go same size and a little faster on the CFPM with the same current drain on 2 of them and just a tad lower on the one other one I have. Just a thought and what the hey ya just might come up with a really nice pooter for logging or for packet work if ya decide not to tear into it and scavenge it for fans and parts. Just a suggestion if you didn't mind and one that has not been discussed in here at all I don't think.
73 and all the best to you and yours
DE KG4FET Sandor Proud owner of Yaesu's FT 100 and ATAS 100

# 12004. Re: Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 22:16:25 UTC
From: vk2new
Topic: 11996  Message: 12004

Hi group,
I noticed that in QST 2000 edition their is a review of the MFJ, Astron SS30M, Kenwood PS-40, Yaesu, Samlex and Icom switching P/S. For what I can remember is that the MFJ and Astron were very good as with low RFI or hash. The Kenwood was a close 3rd, the Yaesu, Samlex and Icom all showed afair amount of noise, but the Icom to be the worst of all showing alot of noise on the analyzer.
I have just purchased a Kenwood PS-40 switching P/S and I will let the group know how it performs.
Currently I am in Reno NV and when the P/S has been deliverd and I have some wire antennas setup, I will be on 15m (21.280-290) and 10m (28.500).
Anthony, w7/vk2new.

# 12005. Re: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 18:37:13 UTC
From: Paul Manuel
Topic: 11973  Message: 12005

--- Mike May <mike.may@...> wrote:
. Right now I'm looking at a company in Newbury Park
> California. that makes 13 Volt and 28 volt FETS as a possible sub for
> the V/U final>
Mike, you may be a godsend! Let us know (although, as of this morning,
mine still worked.)
73,
Paul K4PDM

_____
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# 12006. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 19:09:27 UTC
From: Lee Boulineau
Topic: 11993  Message: 12006

I have the Samflex for protable work - I have no
problems!!!

73 de N4MVL

Lee

--- jimzf <k2pw@...> wrote:
> Does anyone have experience with the 22 amp
> switching power supply
> from either Yaesu or Samlex? They are supposedly the
> same. I am
> hearing mixed reports about RF hash. Want to use it
> with my new 100D
> but don't know whether to go with switching or
> Astron.
>
> Tnx - Jim, K2PW
>
>
>

_____
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# 12007. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:08:06 UTC
From: byrddawg
Topic: 11997  Message: 12007

I would appreciate a copy....Thanks, Paul, KD5KCZ
Paul Kelly <byrddawg@...>

Noel Barquira wrote:

> pls forward me a copy.
> Thanks in advance.
> Noel
>
>
> >From: Ham_Tech@...
> >Reply-To: FT100@yahoogroups.com
> >To: FT100@yahoogroups.com
> >Subject: [FT100] FT100 manual
> >Date: Tue, 5 Feb 2002 20:28:56 GMT
> >
> >Greetings to the group,
> >
> >I have the FT100 manual in zip format. If anyone needs it for work
> or
> >while your away from normal routines and have forgotten your
> manual.... I
> >will foward you the zip file. I use Winzip found at winzip.com (free
>
> >version) to zip/unzip the files.
> >
> >Use common sense. The copy is for your personal use and not for
> sale.
> >
> >Daniel
> >kg4dni
> >
> >
> >
> >_____
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>
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[Non-text portions of this message have been removed]

# 12008. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:06:53 UTC
From: John McClain
Topic: 11997  Message: 12008

I too would like a copy. Please send to K7SVV@...

John
K7SVV@...
----- Original Message -----
From: Noel Barquira
To: FT100@yahoogroups.com
Sent: Tuesday, February 05, 2002 1:37 PM
Subject: Re: [FT100] FT100 manual

pls forward me a copy.
Thanks in advance.
Noel

>From: Ham_Tech@...
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] FT100 manual
>Date: Tue, 5 Feb 2002 20:28:56 GMT
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>Use common sense. The copy is for your personal use and not for sale.
>
>Daniel
>kg4dni
>
>
>
>_____
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# 12009. RE: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 21:12:05 UTC
From: Greg Hicks
Topic: 11997  Message: 12009

Please send me a copy, it would be nice to have it in digital format.
Greg
gahicks@...

-----Original Message-----
From: Noel Barquira [mailto:nbarquira@...]
Sent: Tuesday, February 05, 2002 2:38 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT100 manual

pls forward me a copy.
Thanks in advance.
Noel

>From: Ham_Tech@...
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] FT100 manual
>Date: Tue, 5 Feb 2002 20:28:56 GMT
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I
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>
>_____
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[Non-text portions of this message have been removed]

# 12010. AM TX IS VERY NARROW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 22:12:28 UTC
From: kb7sur
Topic: 12010  Message: 12010

I have the 100D and I cant get the AM TX set up to work well at all. I have played with all the AM settings in the menu and in the F menu and it just isn't cutting it, very poor quality. No higher frequencies above 2000 Hz on the TX signal. Lots of lows (way too much). Mic EQ set off. I thought this thing has a 6kc filter in it for AM? It receives real good. Best rig I ever had for listening to AM but it just cant transmit AM worth beans. Can anyone help??

--- Erik Montgomery
--- ac7av@...

# 12011. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 00:15:04 UTC
From: Lenz Grassl
Topic: 11997  Message: 12011

Hello Daniel,

>I have the FT100 manual in zip format. If anyone needs it for work or
>while your away from normal routines and have forgotten your manual.... I
>will foward you the zip file. I use Winzip found at winzip.com (free
>version) to zip/unzip the files.
>
>Use common sense. The copy is for your personal use and not for sale.
Of coure I´ll do! I would apprechiate a forwarded mail with an attacment on it.

Thanks in advance!

Lenz Grassl, DL8RDL

# 12012. RE: [FT100] AM TX IS VERY NARROW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 00:22:48 UTC
From: Blaine
Topic: 12010  Message: 12012

Hi Erik,

You need to add the AM filter. The popular opinion is that the filter is used for both RX and TX.

Blaine, VE7CQX
-----Original Message-----
From: kb7sur [mailto:yaboyz@...]
Sent: Tuesday, February 05, 2002 2:12 PM
To: FT100@yahoogroups.com
Subject: [FT100] AM TX IS VERY NARROW

I have the 100D and I cant get the AM TX set up to work well at all. I have played with all the AM settings in the menu and in the F menu and it just isn't cutting it, very poor quality. No higher frequencies above 2000 Hz on the TX signal. Lots of lows (way too much). Mic EQ set off. I thought this thing has a 6kc filter in it for AM? It receives real good. Best rig I ever had for listening to AM but it just cant transmit AM worth beans. Can anyone help??

--- Erik Montgomery
--- ac7av@...

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[Non-text portions of this message have been removed]

# 12013. Re: [FT100] Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 22:52:51 UTC
From: Mike May
Topic: 11973  Message: 12013

Not that easy, the bonding is totally different so the impedances are
different and sometimes the SRF devices do not have the internal
input/output matching, so no the large signal S-Pars are not the same as
the prefered Motorola part. Also the prefered motorola parts case in
some instances is larger than the SRF, especially with the SRF7043 so
making a carrier to go from a large to a small case size won't work
here. On a second note I found some POLYFET transistors that are close
to the SRF7043 in most specs, one in particular the POLYFET F1208 along
with some POLYFET LDMOS devices that may work in place of the SRF7043,
I'm still waiting on a response as to the price of these parts..
backhoefade wrote:

Mike

> If I understand you correctly you're saying that the device itself in
>
> terms of S-parameters and other fundamental electronic
> characteristics is no different than the "standard" part. It's just
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> > data available for it from the standard data book, and then it is
> bonded
> > up to meet the customers specs not Motos. all of this is done just
> > because some MFG. (IE Yaesu for example) wants to have a proprietary
>
> > device that you the end user cannot replace with another MFG.
> similar
> > copy cat device, IE such as a replacement part from RF parts Co. for
>

> > example.
> >
> >
> > Mike
> > backhoefade wrote:
> >
> > > Please describe the "SRF process" briefly - thanks.
> > > N6AF Chas
> > >
> > > --- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> > > > My FT100 has been in Cerritos for 10 weeks with no word back
> from
> > > > Yaesu as to when or how much. This is the second trip back for
> the
> > > > same failure mode, loss of V/U output. Took less than 4 weeks
> the
> > > > first time. Having worked for Motorola Semi in Phoenix I know
> the
> > > > process to create SRF devices from MRF. I'm not to happy about
> the
> > > > fact that there is not a standard part to substitue for the HF
> > > finals
> > > > and the custom hybrid for V/U is the pits.
> > > >
> > > > Whats the longest wait time for repairs that the group knows
> about?
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
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> > and the addressee is hereby formally notified of that fact.
> > [Wulfsberg Electronics Division; Prescott, Arizona USA]
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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[Non-text portions of this message have been removed]

# 12014. Re: [FT100] AM TX IS VERY NARROW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-05 22:25:57 UTC
From: Lee Boulineau
Topic: 12010  Message: 12014

The AM filter is optional - if you didn't order it in
the rig when your bought it it isn't there.

73 de N4MVL

Lee
--- kb7sur <yaboyz@...> wrote:
> I have the 100D and I cant get the AM TX set up to
> work well at all.
> I have played with all the AM settings in the menu
> and in the F menu
> and it just isn't cutting it, very poor quality. No
> higher
> frequencies above 2000 Hz on the TX signal. Lots of
> lows (way too
> much). Mic EQ set off. I thought this thing has a
> 6kc filter in it
> for AM? It receives real good. Best rig I ever had
> for listening to
> AM but it just cant transmit AM worth beans. Can
> anyone help??
>
> --- Erik Montgomery
> --- ac7av@...
>
>
>
>
>

---------------------------------------------------
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http://greetings.yahoo.com

# 12015. RE: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:22:52 UTC
From: Blaine
Topic: 11997  Message: 12015

Hi Daniel,

Please forward me a copy also. Sned message to your private email but got
quota exceeded error message.

Blaine, VE7CQX

-----Original Message-----
From: byrddawg [mailto:byrddawg@...]
Sent: Tuesday, February 05, 2002 1:08 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT100 manual

I would appreciate a copy....Thanks, Paul, KD5KCZ
Paul Kelly <byrddawg@...>

Noel Barquira wrote:

> pls forward me a copy.
> Thanks in advance.
> Noel
>
>
> >From: Ham_Tech@...
> >Reply-To: FT100@yahoogroups.com
> >To: FT100@yahoogroups.com
> >Subject: [FT100] FT100 manual
> >Date: Tue, 5 Feb 2002 20:28:56 GMT
> >
> >Greetings to the group,
> >
> >I have the FT100 manual in zip format. If anyone needs it for work
> or
> >while your away from normal routines and have forgotten your
> manual.... I
> >will foward you the zip file. I use Winzip found at winzip.com (free
>
> >version) to zip/unzip the files.
> >
> >Use common sense. The copy is for your personal use and not for
> sale.
> >
> >Daniel
> >kg4dni
> >
> >

> >
> >_____
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>
>
>
>
> _____
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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[Non-text portions of this message have been removed]

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12016. Re: AM TX IS VERY NARROW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:28:14 UTC
From: backhoefade
Topic: 12010  Message: 12016

Read my posts at message numbers 10277 and 8674.
You need the filter and as far as I know it's never been part of the
standard rig.
If you like AM operation it's worth it. I get good audio reports.
Read what I wrote.
Chas N6AF

--- In FT100@y..., "kb7sur" <yaboyz@e...> wrote:
> I have the 100D and I cant get the AM TX set up to work well at
all.
> I have played with all the AM settings in the menu and in the F
menu
> and it just isn't cutting it, very poor quality. No higher
> frequencies above 2000 Hz on the TX signal. Lots of lows (way too
> much). Mic EQ set off. I thought this thing has a 6kc filter in it
> for AM? It receives real good. Best rig I ever had for listening
to
> AM but it just cant transmit AM worth beans. Can anyone help??
>
> --- Erik Montgomery
> --- ac7av@e...

# 12017. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:31:58 UTC
From: backhoefade
Topic: 11973  Message: 12017

I was referring to the HF finals. MRF-255 for $67 at RFPARTS.COM
Don't know about the VHF/UHF finals.

Chas

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> Not that easy, the bonding is totally different so the impedances
are
> different and sometimes the SRF devices do not have the internal
> input/output matching, so no the large signal S-Pars are not the
same as
> the prefered Motorola part. Also the prefered motorola parts case
in
> some instances is larger than the SRF, especially with the SRF7043
so
> making a carrier to go from a large to a small case size won't work
> here. On a second note I found some POLYFET transistors that are
close
> to the SRF7043 in most specs, one in particular the POLYFET F1208
along
> with some POLYFET LDMOS devices that may work in place of the
SRF7043,
> I'm still waiting on a response as to the price of these parts..
> backhoefade wrote:
>
>
> Mike
>
> > If I understand you correctly you're saying that the device
itself in
> >
> > terms of S-parameters and other fundamental electronic
> > characteristics is no different than the "standard" part. It's
just
> > packaged differently. Ignoring the thermal difference for the
> > moment, it seems to me that it would be possible to fashion a
carrier
> > for the standard device that would allow you to drop it into
an "SRF"
> > footprint. The challenge would be to get the heat out of the
thing.
> > Still, it seems to me that there must be some arrangement that
would
> > couple the heat to the chassis/heatsink. Easier said than done, I
> > know. I found the replacement devices for the HF amp for about

$67
> > at the "RF Parts" Co website but I guess there is no direct,
> > available VHF/UHF replacement. Think of the good old days with a
> > pair of basic 6146's glowing at you!
> >
> > --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > > The SRF process in a nutshell is to take an existing device and
the
> > same
> > > or similar die and then repackage it in a custom non-standard
> > > flange/package( which may and usually does have different
thermal
> > > characteristics), IE it is not a prefered part anymore nor is
there
> > any
> > > data available for it from the standard data book, and then it
is
> > bonded
> > > up to meet the customers specs not Motos. all of this is done
just
> > > because some MFG. (IE Yaesu for example) wants to have a
proprietary
> >
> > > device that you the end user cannot replace with another MFG.
> > similar
> > > copy cat device, IE such as a replacement part from RF parts
Co. for
> >
> > > example.
> > >
> > >
> > > Mike
> > > backhoefade wrote:
> > >
> > > > Please describe the "SRF process" briefly - thanks.
> > > > N6AF Chas
> > > >
> > > > --- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> > > > > My FT100 has been in Cerritos for 10 weeks with no word back
> > from
> > > > > Yaesu as to when or how much. This is the second trip back
for
> > the
> > > > > same failure mode, loss of V/U output. Took less than 4
weeks
> > the
> > > > > first time. Having worked for Motorola Semi in Phoenix I
know
> > the
> > > > > process to create SRF devices from MRF. I'm not to happy

about
> > the
> > > > > fact that there is not a standard part to substitue for the
HF
> > > > finals
> > > > > and the custom hybrid for V/U is the pits.
> > > > >
> > > > > Whats the longest wait time for repairs that the group knows
> > about?
> > > > >
> > > > >
> > > > Post message: FT100@y...
> > > > Subscribe: FT100-subscribe@y...
> > > > Unsubscribe: FT100-unsubscribe@y...
> > > > List owner: FT100-owner@y...
> > > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > > >
> > > > We are all a part of this Lets make it as good as possible.
> > > >
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> > Service.
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> > > [Wulfsberg Electronics Division; Prescott, Arizona USA]
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...

> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
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>
>
>
> [Non-text portions of this message have been removed]

# 12018. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:39:41 UTC
From: backhoefade
Topic: 11973  Message: 12018

The mods are free if the rig is under warranty. You will pay for shipping it to them but not return shipping. Someone said they got reimbursed for the shipping to Cerritos but I wouldn't push that to far - not worth the hassle. If you butchered up the rig you may have trouble getting any warranty work. Hope you didn't.

I heard also that you can get the fan mod and spurious oscillation mod (so called "SWR mod") done for free even if the rig's out of warranty but they will charge you at least $75 for an "alignment". So figure about $100 to get the mods done out of warranty by the time you throw in shipping each way. The mods perform flawlessly on my FT-100D.

--- In FT100@y..., Ham_Tech@j... wrote:
> Hi group,
>
> If I send the FT100 back to Cerritos under the 1year warranty do I have
> to pay for the repairs??
>
> dan
> _____
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> http://dl.www.juno.com/get/web/.

# 12019. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:54:57 UTC
From: James O'Leary
Topic: 11997  Message: 12019

Could you also send me a copy of the zipped file for
the ft-100 thanks
--- Lenz Grassl <mailingliste@...> wrote:
> Hello Daniel,
>
> >I have the FT100 manual in zip format. If anyone
> needs it for work or
> >while your away from normal routines and have
> forgotten your manual.... I
> >will foward you the zip file. I use Winzip found
> at winzip.com (free
> >version) to zip/unzip the files.
> >
> >Use common sense. The copy is for your personal
> use and not for sale.
> Of coure I?ll do! I would apprechiate a forwarded
> mail with an attacment on it.
>
> Thanks in advance!
>
> Lenz Grassl, DL8RDL
>
>

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# 12020. RE: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 03:59:55 UTC
From: freddo
Topic: 11997  Message: 12020

Daniel, please flip me a copy via email.

Tried emailing you personally but got the "quota exceeded" message back
here as well.

73 de Fred VA3FD

-----Original Message-----
From: Ham_Tech@... [mailto:Ham_Tech@...]
Sent: Tuesday, February 05, 2002 3:29 PM
To: FT100@yahoogroups.com
Subject: [FT100] FT100 manual

Greetings to the group,

I have the FT100 manual in zip format. If anyone needs it for work or
while your away from normal routines and have forgotten your manual....
I will foward you the zip file. I use Winzip found at winzip.com (free
version) to zip/unzip the files.

Use common sense. The copy is for your personal use and not for sale.

Daniel
kg4dni

---
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nline_a1.asp?sc=14856015> Click Here!

<http://us.adserver.yahoo.com/l?M=210675.1853748.3359285.1261774/D=egrou
pmail/S=1705063108:HM/A=806910/rand=194873704>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 12021. Re: [FT100] tiffs for 100d/100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 04:32:30 UTC
From: ke6wym@aol.com
Topic: 11959  Message: 12021

In a message dated 2/4/02 3:23:29 AM Pacific Standard Time,
cafr@... writes:

> I would like to know why one should NOT buy this radio...

Hello Sean

All the design problems can be dealt with fairly easily. Either by yourself
or sent to Cerritos to have all the mods done that were previously mentioned.
The radio is great after the mods are done. And you understand it's
limitations. Customer support is good for the first year under warranty.

The # 1 reason not to buy this radio is Yeasu's stubbornness to own up to the
failures due to the design flaws. Getting any straight answer from Yeasu
about what they do to your radio when they have it is almost impossible.

For this reason I have lost confidence in Yeasu.

David ---> ke6wym

[Non-text portions of this message have been removed]

# 12022. FT-100(D) Owner's Manual- check it out

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 05:07:29 UTC
From: Ham_Tech@juno.com
Topic: 12022  Message: 12022

Hi group,

You can now download each page of the FT-100(D) Owners Manual at:

1. My webpage-
http://www.geocities.com/kg4dni
Click on the FT-100(D) picture in the upper lefthand corner of the page.

2. The FT100 Groups Home-
-->Bookmarks
"The FT-100(D) Owners Manual--For personal use only!!" link

I hope this has helped all of you!!

Sincerely,

Daniel
kg4dni

_____
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# 12023. skip the zip

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 05:12:57 UTC
From: kg4dni
Topic: 12023  Message: 12023

hi,

at this moment I am having trouble sending the ft100 manual zip format to my home email address, so I have sent individual picks to myself, I will see if I can receive all the files zip them and do a test message to the group.

Currently I am putting all the ".tif" in a Word document, so that you can have the whole manual in the Files section of the FT100 Groups Home.

Daniel
kg4dni

# 12024. FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 01:20:09 UTC
From: Ham_Tech@juno.com
Topic: 11997  Message: 12024

Hi gang,

I hope each of you has access to the web.
You can now download each page of the FT-100(D) Owners Manual at:

I did not include the last back cover of the manual, because I found it unimportant.

1. My webpage-
http://www.geocities.com/kg4dni
Click on the FT-100(D) picture in the upper lefthand corner of the page.

2. The FT100 Groups Home-
-->Bookmarks
"The FT-100(D) Owners Manual--For personal use only!!" link

I hope this has helped all of you!!

Sincerely,

Daniel
kg4dni

PS. Sorry, the zip format I have can't seem to be sent over email. It is 6.725MB. Most of my email accounts can only take 2MB upload per file. Maybe I will try some other time. Currently I am putting together all the files in one Word Document.

_____
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http://dl.www.juno.com/get/web/.

# 12025. Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 06:25:18 UTC
From: oe9goi@aon.at
Topic: 166  Message: 12025

Hello!

I?m also interested in the manual. Please send it to oe9goi@... - thank you very much.

Regards
Gerhard

---
Versendet durch Jet2Web Internet - Webmail (webmail.jet2web.net)

# 12026. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 03:29:14 UTC
From: n4aiw@aol.com
Topic: 11996  Message: 12026

first thing you need to know is how many amps are you going to draw on transmit
for example if your radio draws 2 amps on receive and 20 amps on transmit in cw
your going to need a power supply that will do that all the time. most 20 amp power
supply,s will only do that part time and 16 amps full time. always pay the different
price if you can and get the meters my 100d came out of the box pulling 23 amps on
2 meters i had to adjust it.

# 12027. am transmit filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 03:40:47 UTC
From: mscannerm
Topic: 12027  Message: 12027

I have an old scrap Yaesu ft757gx true all mode transciever. Does anyone no if the am filter in it is the xf117a that we need for the ft100d or if the one in the 757 will work?

# 12028. RE: [FT100] FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 04:28:48 UTC
From: agzol@tm.net.my
Topic: 11973  Message: 12028

Mike, Let us know the cost for these gems, my FT100 has been idling for 1 month and the 5 months trip to the factory is very hard to swallow..... 73s de Zool 9W2AC > ** Original Subject: RE: [FT100] FT100 repair? > ** Original Sender: Paul Manuel > ** Original Date: Wed, 06 Feb 2002 06:22:22 +0800 (SGT) > ** Original Message follows... > > > > > >
> --- Mike May wrote:
> .. Right now I'm looking at a company in Newbury Park
> > California. that makes 13 Volt and 28 volt FETS as a possible sub for
> > the V/U final>
> Mike, you may be a godsend! Let us know (although, as of this morning,
> mine still worked.)
> 73,
> Paul K4PDM
>
>
> _____
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> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible. >
> >
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service (http://docs.yahoo.com/info/terms/). > > > >** --------- End Original Message ----------
** > Download NeoPlanet at http://www.neoplanet.com

# 12029. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 03:06:26 UTC
From: Albert Furlow
Topic: 11997  Message: 12029

Yes I would like a copy. AL
----- Original Message -----
From: Ham_Tech@...
To: FT100@yahoogroups.com
Sent: Tuesday, February 05, 2002 2:28 PM
Subject: [FT100] FT100 manual

Greetings to the group,

I have the FT100 manual in zip format. If anyone needs it for work or while your away from normal routines and have forgotten your manual.... I will foward you the zip file. I use Winzip found at winzip.com (free version) to zip/unzip the files.

Use common sense. The copy is for your personal use and not for sale.

Daniel
kg4dni

---
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12030. RE: [FT100] am transmit filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 06:28:45 UTC
From: Tom Tishken KD4WOV
Topic: 12027  Message: 12030

It will not work, it is also the wrong shape to fit in the 100.

-----Original Message-----
From: mscannerm [mailto:mscannerm@...]
Sent: Tuesday, February 05, 2002 10:41 PM
To: FT100@yahoogroups.com
Subject: [FT100] am transmit filter

I have an old scrap Yaesu ft757gx true all mode transciever. Does
anyone no if the am filter in it is the xf117a that we need for the
ft100d or if the one in the 757 will work?

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12031. Re: FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 14:05:43 UTC
From: John Hirth
Topic: 11997  Message: 12031

Hi Daniel,

Unfortunately, there's obviously a daily data transfer limit imposed by Geocities that prevented me from viewing your web site (and the manual page scans) this morning. I guess I'll get to it when the interest wanes.

Thanks for taking the time to do the scan. Once I get it I'll put it into a PDF file and then (possibly? -- have to think about copyright issues) put it up on the FT100 Yahoogroup Files area.

73, John W2KI

# 12032. access to ft100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 16:07:41 UTC
From: kg4dni
Topic: 12032  Message: 12032

Hi group,

seems to me as if the traffic has slowed down on my site. If you had trouble before, try again.

I have free hosting, so I have a small visiting limit.

Daniel
kg4dni

PS. What do you think about my site??

# 12033. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 17:21:44 UTC
From: Pres Waterman
Topic: 11997  Message: 12033

> 
> I have the FT100 manual in zip format. If anyone needs it for work or while your away from normal routines and have forgotten your manual.... I will foward you the zip file. I use Winzip found at winzip.com (free version) to zip/unzip the files.
> 
> Use common sense. The copy is for your personal use and not for sale.

I would vote to post it to the files section. You are not publishing it for sale. I my OPIONION

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12034. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 17:27:16 UTC
From: Pres Waterman
Topic: 11997  Message: 12034

> I would appreciate a copy....Thanks, Paul, KD5KCZ

Yeah, me too...

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12035. Re: [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 17:39:56 UTC
From: Pres Waterman
Topic: 12035  Message: 12035

> Quite a bit needs to be done to the vehicle to get rid of ignition
> noise. Bonding the tail pipe to vehicle ground, bonding the hood,
> and shielding all ignition cables to name a few.
> The best way to power a rig is to run DC cables directly to the
> battery if you could, and still build a box for hooking up
> in-line DC power filters. This method does reduce most noise
> ,but you still must check out the vehicle for all airborne sources.
> Fuel injectors , for example, are extremely noisy!!!
> Some vehicles are very quiet right off the lot, while others
> are hair-pulling fun when trying to quiet them down.

The major culprit is the high energy coil-on-plug design they are using
these days. I swear they should license vehicles as unintentional radiators.

>
> Good luck, and check out some of the many excellent references
> on HF Mobile installations. They will give you some ideas on
> what you can do. You may just have to live with some noise
> depending on what you are driving. BTW, diesel cars do not
> have any ignition noise.. can you guess why??

Not so fast there, bubba!

Above you say "> Fuel injectors , for example, are extremely noisy!!!"

Diesels have injectors too!

I repeat this mantra over and over. Trust me, I am in the car business...

YOU, I MEAN YOU, must go to your dealership. EVERY ONE READING THIS PLEASE.
Go. Demand an audience with the manufacturer's field engineer. Take your
multimode rig, set it to AM, and show him/her the noise that extends
waaaaaaaaaaaaay beyond 30MHz.

Demand they do something about it, and they can't hide behind the "we don't
care below 30MHz" policy because it goes, in my case, up into the 400's!

Tell them it interferes with Federally licensed emergency
fire/police/ambulance/Red Cross blah blah blah.

I have done this, got nowhere. PEOPLE, flood the dealerships across the
country. Annoy the living crap out of the FSE ( Field Service Engineers )

Someday it will filter uphill.

And DON'T tell them *I* sent ya! ( wink )

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12036. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 18:09:10 UTC
From: David F. Morse
Topic: 11996  Message: 12036

```
--------------
Model SS30
-------------

>Dave,
>
>Interesting, we tested the Astron switching supply here in the shop
>and found no RFI on
>the HF bands at all. What model was it? We use the SS-18 here.
>
>Dave WP2AAT
>
>
>
>"David F. Morse" wrote:
>>
>> ---------------
>> Jim; DO NOT buy the Astron. I am doing RFI studies here at my apt and
>> I used my Astron and then my car battery. the diff is really
>> noticeable. I then bought an MFJ 4245mv and it was as good as the
>> battery.
>> David in Denver
>> k0dar
>> ----------------
>>
>> >Does anyone have experience with the 22 amp switching power supply
>> >from either Yaesu or Samlex? They are supposedly the same. I am
>> >hearing mixed reports about RF hash. Want to use it with my new 100D
>> >but don't know whether to go with switching or Astron.
>> >
> > >Tnx - Jim, K2PW
>>

--
```

# 12037. Re: [FT100] Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 18:44:36 UTC
From: gerald.kopstein@us.ul.com
Topic: 11996  Message: 12037

I use the SS30M with mine and never experienced any hash or noise from the supply. For the last few years that is.

Jerry Kopstein - N9AC.

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**********

# 12038. Re:Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 20:07:48 UTC
From: Ham_Tech@juno.com
Topic: 11997  Message: 12038

Hey there,

I can't help you with the zip format, it is too large for me to send over the email address. Maybe I could in the mini advertisement CDs, and write the files to them, they would be cheaper than a regular CD.(?)

then I could send it to each of you.

I don't have a burner, so I'll have to be at a computer that has a burner, and download the files from my website. Then burn them as data onto the miniCD.

What do you think? Could send me an SASE.

Daniel
kg4dni
good on qrz.com
http://www.geocities.com/kg4dni/index.html

_____
GET INTERNET ACCESS FROM JUNO!
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http://dl.www.juno.com/get/web/.

# 12039. [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 21:03:25 UTC
From: backhoefade
Topic: 12035  Message: 12039

Seriously, we have a Part 15 test facility here and one afternoon for kicks we put one of the Technician's motorcycles on the test pad. That thing's electronic ignition was more than 20 dB out of spec! The story about him getting pulled over by the FCC on the way home that night is a joke that passes around here from time to time, but the 20 dB over the Part 15 limit line was an actual calibrated measurement. Of course motorcycles don't fall into the "computing device" catagory for Part 15 compliance so they're not subject to it, but it's interesting to see how noisy they really are.

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
> > Quite a bit needs to be done to the vehicle to get rid of ignition
> > noise. >
> The major culprit is the high energy coil-on-plug design they are using
> these days. I swear they should license vehicles as unintentional radiators.
>
> >

# 12040. Switching Power Supply

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 21:07:08 UTC
From: michel_homsi
Topic: 11996  Message: 12040

The 22 amp from yaesu did not perform well here with my FT100 (RF Hash ).
I ordered the MFJ-4245MV which was an excellent choice. It's bulky , little bit noisy but it works very well.

73 de OD5TX Michel HOMSI

Message: 2
Date: Tue, 05 Feb 2002 15:05:30 -0000
From: "jimzf" <k2pw@...>
Subject: Switching Power Supply

Does anyone have experience with the 22 amp switching power supply from either Yaesu or Samlex? They are supposedly the same. I am hearing mixed reports about RF hash. Want to use it with my new 100D but don't know whether to go with switching or Astron.

Tnx - Jim, K2PW

Message: 5
Date: Tue, 5 Feb 2002 14:39:53 EST
From: w3wjr@...
Subject: Re: Switching Power Supply

In a message dated 2/5/2002
12:45:52 PM Eastern Standard Time,
k2pw@... writes:

I have an MFJ 45A switcher, I was very disappointed when I brought it home and discovered that a loud fan runs all the time. I went to buy an astron 35A, but they did not have one, and sold me the MFJ for the same price (actually a good deal).

Never heard any RF hash out of my MFJ, and now that I put it inside a cabinet, I can't hear the fan.

Will R

# 12041. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 21:58:43 UTC
From: w7gvm1@aol.com
Topic: 11997  Message: 12041

HELLO DANIEL, IF YOU COULD SEND IT IN A ZIP FILE I WOULD APPRECIATE IT. I BET YOU ARE OVERWHELMED WITH MESSAGES LIKE THIS.HAVE A GREAT DAY.73.
GAROLD W7GVM

[Non-text portions of this message have been removed]

# 12042. RE: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 07:37:38 UTC
From: pa9jj@amsat.org
Topic: 11997  Message: 12042

I wonder why everone wants a copy of the manual. In my country
the manual is included when you buy a FT-100

Op 5 Feb 2002 om 15:12, Greg Hicks schreef:

> Please send me a copy, it would be nice to have it in digital format.
> Greg
> gahicks@...
>
> -----Original Message-----
> From: Noel Barquira [mailto:nbarquira@...]
> Sent: Tuesday, February 05, 2002 2:38 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT100 manual
>
>
> pls forward me a copy.
> Thanks in advance.
> Noel
>
>
> >From: Ham_Tech@...
> >Reply-To: FT100@yahoogroups.com
> >To: FT100@yahoogroups.com
> >Subject: [FT100] FT100 manual
> >Date: Tue, 5 Feb 2002 20:28:56 GMT
> >
> >Greetings to the group,
> >
> >I have the FT100 manual in zip format. If anyone needs it for work or
> >while your away from normal routines and have forgotten your manual....
> I
> >will foward you the zip file. I use Winzip found at winzip.com (free
> >version) to zip/unzip the files.
> >
> >Use common sense. The copy is for your personal use and not for sale.
> >
> >Daniel
> >kg4dni
> >
> >
> >
> >_____
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> >http://dl.www.juno.com/get/web/.
>
>
>
>
> ------------------------------------------------------------------
> Chat with friends online, try MSN Messenger: http://messenger.msn.com
>
>
> Yahoo! Groups Sponsor
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>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Best 73's
Jan PA9JJ
pa9jj@...

---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12043. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 22:07:23 UTC
From: Pres Waterman
Topic: 12035  Message: 12043

> Seriously, we have a Part 15 test facility here and one afternoon for
> kicks we put one of the Technician's motorcycles on the test pad.
> That thing's electronic ignition was more than 20 dB out of spec!
> The story about him getting pulled over by the FCC on the way home
> that night is a joke that passes around here from time to time, but
> the 20 dB over the Part 15 limit line was an actual calibrated
> measurement. Of course motorcycles don't fall into the "computing
> device" catagory for Part 15 compliance so they're not subject to it,
> but it's interesting to see how noisy they really are.

Someone on this list ( a truck driver ) mentioned he could hear a Mustang pass at 60 feet. I believe it. I certainly have heard a Taurus idling next to my vehicle. This is unacceptable. It also renders useless all the suggestions to bond the panels, ground the antenna, etc. The crap is a SIGNAL coming in the antenna in the intended manner. How do you stop THAT?

A few years back someone quoted a factory directive on how to cure INGRESS RFI into the car's processor. GM suggested shielding the antenna! The reply was "how about you shield the BOX?"

Duh.

I would be glad to approach the FCC against the manufacturers and appear as an expert witness, even though I said in my prior post not to drop my name!

Could you expound on the "spec" you mention, and Part 15?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12044. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 22:11:08 UTC
From: Pres Waterman
Topic: 11997  Message: 12044

> I wonder why everone wants a copy of the manual. In my country
> the manual is included when you buy a FT-100

I drive around with the FT-100 and a laptop. I would like to look up
something on the road.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12045. FT-100 Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 13:01:32 UTC
From: PP8KWA
Topic: 12045  Message: 12045

Please Daniel KG4DNI.
Send me a copy of this manual, because I bought a used FT-100 without manual and I am needing a lot.
Thanks and 73.
PP8KWA Frederico In Amazon Brasil.

[Non-text portions of this message have been removed]

# 12046. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 15:56:04 UTC
From: David B. Rogers
Topic: 11997  Message: 12046

Actually, the back cover is important because it tells the
version and date of the manual.

David, WA7ZYQ

Ham_Tech@... wrote:
>
> Hi gang,
>
> I hope each of you has access to the web.
> You can now download each page of the FT-100(D) Owners Manual at:
>
> I did not include the last back cover of the manual, because I found it
> unimportant.
>
> 1. My webpage-
> http://www.geocities.com/kg4dni
> Click on the FT-100(D) picture in the upper lefthand corner of the
> page.
>
> 2. The FT100 Groups Home-
> -->Bookmarks
> "The FT-100(D) Owners Manual--For personal use only!!" link
>
> I hope this has helped all of you!!
>
> Sincerely,
>
> Daniel
> kg4dni
>
> PS. Sorry, the zip format I have can't seem to be sent over email. It
> is 6.725MB. Most of my email accounts can only take 2MB upload per file.
> Maybe I will try some other time. Currently I am putting together all
> the files in one Word Document.
>
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com

> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--

"Them that's got is them that gets, but how you get the
first is still a mystery to me."
Ray Charles

# 12047. Re: FT100 repair?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 19:20:34 UTC
From: cshoaff
Topic: 11973  Message: 12047

Has anyone seen this transistor? UF28150J MOSFET Power Transistor by
M/A-COM http://www.macom.com/products/products_spec.jsp?pn=UF28150J
I have not seen the VHF/UHF transistor ft100D yet so I do not know if
it is close. Maybe someone who has looked at the insides might be able
to tell if the M/A-COM transistor might work.

Chris n9rin

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I was referring to the HF finals. MRF-255 for $67 at RFPARTS.COM
> Don't know about the VHF/UHF finals.
>
> Chas
>
> --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > Not that easy, the bonding is totally different so the impedances
> are
> > different and sometimes the SRF devices do not have the internal
> > input/output matching, so no the large signal S-Pars are not the
> same as
> > the prefered Motorola part. Also the prefered motorola parts case
> in
> > some instances is larger than the SRF, especially with the SRF7043
> so
> > making a carrier to go from a large to a small case size won't
work
> > here. On a second note I found some POLYFET transistors that are
> close
> > to the SRF7043 in most specs, one in particular the POLYFET F1208
> along
> > with some POLYFET LDMOS devices that may work in place of the
> SRF7043,
> > I'm still waiting on a response as to the price of these parts..
> > backhoefade wrote:
> >
> >

# 12048. FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 19:42:54 UTC
From: P. J. Kerrigan
Topic: 12048  Message: 12048

Hello,

I've attempted over the past year to get a good mobile install of an FT-100/ATAS-100 in my Volvo 850. I spent a great deal of effort to get good power and ground to the radio (directly to the battery), making sure the antenna had a good ground (3/8 copper strap from the mount to the body). I'm using a Diamond K400 trunk lip mount. I've also tried monoband 3/8" antennas, also with a trunk lip mount. I'm using a separation kit with the radio mounted in the trunk.

I've never gotten the ATAS 100 to tune well on 6m or 10m. I've tried the loop balun with the feed line, putting in extra coax, putting toroids in all the power and control lines.
I sent the radio back to Cerritos for an update... it took 10 weeks and a $75 alignment fee. I got the radio back a few days ago, and ... you guessed it, the same problems.

So, I'm thinking that I've got this: Either parasitics are detuning the antenna, the power to the radio is out of spec (too low), the ground is not good at RF.

I have to admit, hearing the horror stories people have with this radio discourage me. I've been a big Yaesu fan for years, own 3 other radios.

Any Elmer's in the Bay Area who want to swap debugging this install in exchange for professional grade software/network/electronics help? Or a bottle of high-end wine?

# 12049. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 20:30:07 UTC
From: Justin Wolcott
Topic: 11997  Message: 12049

Daniel,
drop me an email, i think i can help you with your problem
i could provide you a place to post a copy of the file so that geocities
doesn't get hammered by the downloads

-Justin

Phreak480@...

Ham_Tech@... wrote:

> Hey there,
>
> I can't help you with the zip format, it is too large for me to send
> over the email address. Maybe I could in the mini advertisement CDs,
> and write the files to them, they would be cheaper than a regular
> CD.(?)
>
> then I could send it to each of you.
>
> I don't have a burner, so I'll have to be at a computer that has a
> burner, and download the files from my website. Then burn them as data
> onto the miniCD.
>
> What do you think? Could send me an SASE.
>
> Daniel
> kg4dni
> good on qrz.com
> http://www.geocities.com/kg4dni/index.html
>
>
>
>
>
> _____________________________________________________________
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> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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# 12050. Re: Re:Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 20:41:34 UTC
From: Jim Dawson
Topic: 11997  Message: 12050

Could you zip them and put that zip file on your web site or
the files area? We could download the zip file instead of the
individual sections.

Jim - K9DD

----- Original Message -----
From: <Ham_Tech@...>
To: <presw@...>
Sent: Wednesday, February 06, 2002 2:07 PM
Subject: Re:Re: [FT100] FT100 manual

> Hey there,
>
> I can't help you with the zip format, it is too large for me to send over the
email address. Maybe I could in the mini advertisement CDs, and write the files
to them, they would be cheaper than a regular CD.(?)
>
> then I could send it to each of you.
>
> I don't have a burner, so I'll have to be at a computer that has a burner, and
download the files from my website. Then burn them as data onto the miniCD.
>
> What do you think? Could send me an SASE.
>
> Daniel
> kg4dni
> good on qrz.com
> http://www.geocities.com/kg4dni/index.html
>
>
>
>
>
> _____
> GET INTERNET ACCESS FROM JUNO!
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> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---------------------------------------------------------
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# 12051. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 21:40:53 UTC
From: Lee Boulineau
Topic: 12035  Message: 12051

My Harley's pipes are Part 15 radiators by themselves
- you can imagine what the ignition is like!!

73 de N4MVL

Lee
--- backhoefade <cgarner@...> wrote:
> Seriously, we have a Part 15 test facility here and
> one afternoon for
> kicks we put one of the Technician's motorcycles on
> the test pad.
> That thing's electronic ignition was more than 20 dB
> out of spec!
> The story about him getting pulled over by the FCC
> on the way home
> that night is a joke that passes around here from
> time to time, but
> the 20 dB over the Part 15 limit line was an actual
> calibrated
> measurement. Of course motorcycles don't fall into
> the "computing
> device" catagory for Part 15 compliance so they're
> not subject to it,
> but it's interesting to see how noisy they really
> are.
>
> --- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > > Quite a bit needs to be done to the vehicle to
> get rid of ignition
> > > noise. >
> > The major culprit is the high energy coil-on-plug
> design they are
> using
> > these days. I swear they should license vehicles
> as unintentional
> radiators.
> >
> > >
>
>
>

---------------------------------------------------
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# 12052. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 22:45:01 UTC
From: byrddawg
Topic: 11997  Message: 12052

Hey Prez....Would like to have a copy to keep with me while mobile. My original has been pretty well batterd, with a few pages missing. one things improve with age, but not ny manual. Your help would be appreciated...Paul, KD5KCZ

Pres Waterman wrote:

> >
> > I have the FT100 manual in zip format. If anyone needs it for work
> or
> while your away from normal routines and have forgotten your
> manual.... I
> will foward you the zip file. I use Winzip found at winzip.com (free
> version) to zip/unzip the files.
> >
> > Use common sense. The copy is for your personal use and not for
> sale.
>
>
> I would vote to post it to the files section. You are not publishing
> it for
> sale. I my OPIONION
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> Currently 2 NEW 2002 T-birds in stock $50k ea. TMV
>
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12053. Broadcasting with the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 22:43:47 UTC
From: shlstevens
Topic: 12053  Message: 12053

Hi folks,

I'm looking for advise on how to inexpensively hook my FT100 up to a PC sound card and/or a tape recorder. I offered to provide backup to my club's rebroadcast of the ARRL news report.

I'm looking to build a box that plugs into a 1/8 inch mono/stereo jack on one end and my rig on the other. There would be a SPST switch that would put the rig in transmit mode. (By the way, the club repeater is in the 2M band, FM.)

Does anyone have any ideas on how to go about this?

First, I'm not sure if I need to hook into the mic jack or the data jack. Also, I assume the PTT line gets shorted to ground to transmit, but I don't know for sure. Finally, besides being very very careful with the recorder or sound card output, any good ideas on how to knock the level down. Do I just need a resistor?

Thank you kindly,
Scott KB3HDV

# 12054. FT-100 and MP-1

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 01:47:24 UTC
From: joates_48323
Topic: 12054  Message: 12054

Does anyone have any experience with the Superantennas MP-1 using it with an FT-100 or FT-100D?

Joe - KB8BO

# 12055. RE: [FT100] Broadcasting with the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 02:04:20 UTC
From: Jesse
Topic: 12053  Message: 12055

Check the Files section in the 100 Group here.
http://groups.yahoo.com/group/FT100/files/Documentation/FT100%20Interfac
e/

In there is a PSK interface that will do what you want. Then go try
Echostation which is a simplex type repeater thingy that I have used to
make announcements via a repeater. I believe it will allow you to do a
wav file and allow you to playback through to the repeater.

-----Original Message-----
From: shlstevens [mailto:shlstevens@...]
Sent: Wednesday, February 06, 2002 4:44 PM
To: FT100@yahoogroups.com
Subject: [FT100] Broadcasting with the FT100

Hi folks,

I'm looking for advise on how to inexpensively hook my FT100 up to a
PC sound card and/or a tape recorder. I offered to provide backup to
my club's rebroadcast of the ARRL news report.

I'm looking to build a box that plugs into a 1/8 inch mono/stereo
jack on one end and my rig on the other. There would be a SPST
switch that would put the rig in transmit mode. (By the way, the
club repeater is in the 2M band, FM.)

Does anyone have any ideas on how to go about this?

First, I'm not sure if I need to hook into the mic jack or the data
jack. Also, I assume the PTT line gets shorted to ground to
transmit, but I don't know for sure. Finally, besides being very
very careful with the recorder or sound card output, any good ideas
on how to knock the level down. Do I just need a resistor?

Thank you kindly,
Scott KB3HDV

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<http://rd.yahoo.com/M=215002.1818248.3328688.1261774/D=egroupweb/S=1705
063108:HM/A=847665/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=101
3044865%3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A
=847665/R=1>

<http://us.adserver.yahoo.com/l?M=215002.1818248.3328688.1261774/D=egrou
pmail/S=1705063108:HM/A=847665/rand=142560495>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12056. Re: [FT100] FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 01:47:27 UTC
From: John McClain
Topic: 12048  Message: 12056

P.J.,
What do you mean by "I've never gotten the ATAS 100 to tune well on 6m or 10m."? What symptom are you seeing? Is it an SWR message with a big X or an SWR message with a big O?

John
K7SVV@...
----- Original Message -----
From: P. J. Kerrigan
To: FT100@yahoogroups.com
Sent: Wednesday, February 06, 2002 12:42 PM
Subject: [FT100] FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Hello,

I've attempted over the past year to get a good mobile install of an FT-100/ATAS-100 in my Volvo 850. I spent a great deal of effort to get good power and ground to the radio (directly to the battery), making sure the antenna had a good ground (3/8 copper strap from the mount to the body). I'm using a Diamond K400 trunk lip mount. I've also tried monoband 3/8" antennas, also with a trunk lip mount. I'm using a separation kit with the radio mounted in the trunk.

I've never gotten the ATAS 100 to tune well on 6m or 10m. I've tried the loop balun with the feed line, putting in extra coax, putting toroids in all the power and control lines.
I sent the radio back to Cerritos for an update... it took 10 weeks and a $75 alignment fee. I got the radio back a few days ago, and ... you guessed it, the same problems.

So, I'm thinking that I've got this: Either parasitics are detuning the antenna, the power to the radio is out of spec (too low), the ground is not good at RF.

I have to admit, hearing the horror stories people have with this radio discourage me. I've been a big Yaesu fan for years, own 3 other radios.

Any Elmer's in the Bay Area who want to swap debugging this install in exchange for professional grade software/network/electronics help? Or a bottle of high-end wine?

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12057. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 01:52:19 UTC
From: mike sharpe
Topic: 11997  Message: 12057

Daniel I would appreciate a copy Thanks in advance Mike n8rld@...
From: Albert Furlow
To: FT100@yahoogroups.com
Sent: Tuesday, February 05, 2002 10:06 PM
Subject: Re: [FT100] FT100 manual

Yes I would like a copy. AL
----- Original Message -----
From: Ham_Tech@...
To: FT100@yahoogroups.com
Sent: Tuesday, February 05, 2002 2:28 PM
Subject: [FT100] FT100 manual

Greetings to the group,

I have the FT100 manual in zip format. If anyone needs it for work or while your away from normal routines and have forgotten your manual.... I will foward you the zip file. I use Winzip found at winzip.com (free version) to zip/unzip the files.

Use common sense. The copy is for your personal use and not for sale.

Daniel
kg4dni

---
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[Non-text portions of this message have been removed]

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12058. MODS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 02:17:29 UTC
From: Jan and/or Len Peak
Topic: 102  Message: 12058

To the Group......Do the mods need to be done if radio was made after July 2001,just got a 100-D made in Aug 2001, 73 Len N9HKG

[Non-text portions of this message have been removed]

# 12059. Re: [FT100] FT-100 and MP-1

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 02:30:35 UTC
From: John Spiceman
Topic: 12054  Message: 12059

I saw the MP-1 at HRO today. I don't see any reason why it wouldn't work, especially since it has a counterpoise. It sure is lite even with the tripod attached.

Today I purchased the 80 mtr coil, sold extra, to play with on my ATAS100. It has over 200 turns on the coil.

John - WB0RLD
--- joates_48323 <joates@...> wrote:
> Does anyone have any experience with the
> Superantennas MP-1 using it
> with an FT-100 or FT-100D?
>
> Joe - KB8BO
>
>

_____
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# 12060. XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 03:01:10 UTC
From: Greg Hicks
Topic: 102  Message: 12060

Hey,
I just installed my XF-117C and turned on the menu option, but I cannot seem to tell any difference. Any one have one and can tell me what to expect/test my installation?
Greg

[Non-text portions of this message have been removed]

# 12061. RE: ft100 manual-#1.zip

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 03:04:08 UTC
From: Greg Hicks
Topic: 12061  Message: 12061

We all really appreciate you taking the time to do this for us!
Greg

-----Original Message-----
From: ham_tech@... [mailto:ham_tech@...]
Sent: Wednesday, February 06, 2002 5:18 PM
To: gahicks@...
Subject: ft100 manual-#1.zip

Hi,

I will be sending you 4 separate emails for this manual.. that is the
only way. Please tell me if they do not work.

Sincerely,

Daniel
kg4dni

# 12062. XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 03:09:07 UTC
From: Greg Hicks
Topic: 102  Message: 12062

Hey,
I just installed a XF-117C. I can't seem to get it to work. I have activated it in the menu's, I have it in CW and can't tell with it on or off..any ideas!
Greg

[Non-text portions of this message have been removed]

# 12063. group scanning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 04:22:29 UTC
From: Pres Waterman
Topic: 12063  Message: 12063

Can anyone refresh me as to how I scan OLNY the memories in a certain group?
Like MG3 alone?

If only, if ONLY I had the manual on my laptop in the car! <g>

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12064. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 04:23:17 UTC
From: Pres Waterman
Topic: 11997  Message: 12064

```
----- Original Message -----
From: byrddawg <byrddawg@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 06, 2002 5:45 PM
Subject: Re: [FT100] FT100 manual

> Hey Prez....Would like to have a copy to keep with me while mobile. My
> original has been pretty well batterd, with a few pages missing. one
> things improve with age, but not ny manual. Your help would be
> appreciated...Paul, KD5KCZ

I was replying, so I can't help

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.
```

# 12065. Re: [FT100] Broadcasting with the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 04:29:23 UTC
From: Pres Waterman
Topic: 12053  Message: 12065

> I'm looking for advise on how to inexpensively hook my FT100 up to a
> PC sound card and/or a tape recorder. I offered to provide backup to
> my club's rebroadcast of the ARRL news report.
>
> I'm looking to build a box that plugs into a 1/8 inch mono/stereo
> jack on one end and my rig on the other. There would be a SPST
> switch that would put the rig in transmit mode. (By the way, the
> club repeater is in the 2M band, FM.)
>
> Does anyone have any ideas on how to go about this?

This is a LOT easier than you imagine. Either spend $10 for Yaesu's packet data cable, or find a mouse extension cable and cut it. Some have suggested an old mouse can donate its cord, but there's no guarantee that all the wires will be present.

Anyway, the "data" pigtail on the back has 1v p-p audio in and out... perfect for sound card interfacing. Just solder on a 1/8"//3.5mm plug to the sound card.

And the separate PTT line would like to be grounded for transmit. The good news is, there is a separate mic gain control for the packet mode, which is automatically selected when the rear connector is PTT-activated.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12066. My personal goals for life and Amateur Radio, if it is too long and you don't have time, do what you want with it!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 23:14:04 UTC
From: Ham_Tech@juno.com
Topic: 12066  Message: 12066

Greetings to others in the email list.

You may not have a clue what I am talking about, but keep reading to the end. Because I will share my personal goals with you. And these are the things that I am involved with at this time in life, along with 19 credit hours in college.

God Bless you,
Daniel Brinneman
PS. Most of this deals with Amateur Radio and Electronics.

A Future Solution to getting access to the "scanned" FT100(D) owners manual by way of a Compact Disc!!!
==========

Hey Mark and others,

I give up on email for these large files. I did not know that I could have lowered my resolution when I scanned them. Next time I do something like this I will try harder at making them smaller.

I am thinking of buying some large capacity CDs and burning them with the files, but making the winzip create a EXE file so that way it will automatically be loaded to your CPU.

I'll take donations for the cost of sending them out, but don't feel like you are cheating me if you can't provide a $1.00.

What does the group think about this?? Do you have any good-natured comments about how I should go about this?? This seems to be my only choice right now, as far as I understand the words typed by Yaesu on the back of your manuals, it means to me that I can copy it , but I can't recreated and print out the whole manual and sell it for my profit. I consider that stealing someone else's idea.

And by the way, if we have anyone that works at the Yaesu department in Cerritos, CA, please tell me what you have to say that the company might say about this service I am providing to the FT-100(D) community of Amateur Radio Operators???

So far I am having success with just sending 4 separate zip for the Full manual, but I keep receiving back a MAILER-DAEMON (email distributer/router {?} ) from some people, until they empty their Online Web Email Inbox.

I also appreciate everyone helping me out in this, and offering to write PDF files for me. Also I still need help with the Auto Tune Circuit by way of your FT100 (D) Menu. I know I am 'burning a new path' but I enjoy challenges, that my mind can't fathom, but my hands are itching to touch an Integrated Circuit. If some of you know how to pick and use a digital probe (reads logical 0 and 1) and also a multimeter, I would appreciate some answers to my previous questions that you can find in the Archives. If you don't know what I am talking about, and would like to help.. I will send you my questions!!

This project is for your benefit (for me later in the future), primarly because you own the FT-100(D)!! If I can't get it from you, I will resort to calling/emailing Yaesu or holding off this project until I get my own FT-100D!!

Check out my beginnings at: http://www.geocities.com/kg4dni/ Go to the drop-down box and choose the "FT100 TUN" link.

Please tell me what you thought about my website. I am a people listener/watcher and I enjoy getting feedback from people I don't know, DO know, or might not be able to speak English too well. (NO OFFENSE) Also if you know French, I can read it and understand it. I grew up most of my life in Togo, West Africa. In a little town called, Kande. Look it up on the map, it is in the northern portion of Togo, between Ghana and Benin, and below the country of Burkino Faso, which I will be doing a National Profile for, in class tomorrow, in Interculteral Communications. (On the language issue; I plan to major in Spanish, during this coming Summer and Fall.)

One last thing. You might think that I am crazy for saying this. If I have the money, God willing, I plan to major in the following:: Electrical/Electronics; Electrical Engineering; French; Spanish; Aviation; Bible Seminary (for personal development); Accounting; Business Management; Computer Science; Programming; Aviation Mechanics; Communications/Wireless Technology. And maybe German...

I am currently 20 years old, and they say, "Get all your schooling out of the way, so that you will have a good job." I plan to do this, and try my hardest to do all of my homework and studies for tests.

If you want to know what I would like to do as a career in the future, please email and ask me. I will provide a paragraph more of info. Please give me your feedback.

Now, as I think say and think to myself. "GO OUT AND GET THEM!!"

Sincerely,

Daniel
KG4DNI
Email me direct at:: Ham_Tech@...
http://www.geocities.com/kg4dni

# 12067. For everyone, this message is not entirely for you, but there is a theme to grasp.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-06 23:13:34 UTC
From: Ham_Tech@juno.com
Topic: 12067  Message: 12067

Hey Garold and everyone else,

Please catch-up to reading my previous messages. I hope you have internet access!! http://www.geocities.com/kg4dni Go to the link, "FT100 TUN..." in the drop-down box.

You would not believe, that I used to be to myself- loner.. I also had very few friends and had trouble sometimes keeping them. So I signed up on this group, because I enjoyed the miniature size of the radio, and still do not have one yet. I am not in the position of being able to buy one yet. And I enjoyed its features. Used to be good at CW about 7wpm now I can only about a SORRY 2wpm. :-)

First of all I will make it clear to you and others, that I am born with a spirit to helping others out. If you can't pay me, the love I have for this hobby (which is second for my love for my God) will keep me striving for the goals I have laid for myself with my Lord's help. Even if a person's problems cannot be seen. (Basically another phrase for the word "Listening") I wish I had the same attitude and attention to helping my Mom out with this attitude of helping and giving of my time.

3 things that keep me going on these ideas::

1. If I enjoy what I am doing, and it challenges my mind and brain into deep DEEP thinking, that makes me loose my hair.--> I learn things quickly!!
2. Also if I am comfortable with my situations/surroundings.
3. And God is on my side, encouraging me through the Holy Spirit, to keep going on my ideas. (It is the Holy Spirit, who gives me these ideas!! and keeps me going on thinking)

Subitem on these notes: As long as I keep my mind on these things and the ways of my God and His will for my life; I can keep my soul and mind out of the 'gutter'!!

These message may deal with just Electronics in your eyes, but in mine there is always a theme to grasp!!

Sincerely,

Daniel

==========
On Wed, 6 Feb 2002 16:58:43 EST w7gvm1@... writes:
> HELLO DANIEL, IF YOU COULD SEND IT IN A ZIP FILE I WOULD APPRECIATE
> IT. I BET

> YOU ARE OVERWHELMED WITH MESSAGES LIKE THIS.HAVE A GREAT DAY.73.
> GAROLD W7GVM
>
>

# 12068. XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 04:04:20 UTC
From: Greg Hicks
Topic: 102  Message: 12068

Ok, with help from Paul, may have made progress. Is the filter activated by selecting the 500 Hz option on the bandwidth selection screen? If so, it seems to be working great!
Greg

[Non-text portions of this message have been removed]

# 12069. FT-817 Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 03:57:45 UTC
From: James Carmody
Topic: 12069  Message: 12069

I have both the 100D and the 817. The blanker in the 100D works very will and the digital noise limiter helps a little further. The best solution is the Clear Speech Speaker.

On the other hand, the noise blanker in my 817 does not appear to do anything. It may be defective or I may have one of the menu settings wrong.

Jim/nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

_____
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http://greetings.yahoo.com

# 12070. FW: XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 04:20:12 UTC
From: Greg Hicks
Topic: 12070  Message: 12070

Ok, I just installed a TCXO-8 in my FT-100, in its place was a TC-2801
board (ref board) what is it?
Greg

[Non-text portions of this message have been removed]

# 12071. Re: [FT100] Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 03:21:57 UTC
From: John Spiceman
Topic: 11805  Message: 12071

Chas,
Just wanted to let you know that I am getting
remarkable reports on 10 mtr AM with the new settings
for F51 and F15. (68 and 140 respectively)

As I key the mic, the carrier stays at 5-6 bars (the
25 watt resting output) and pops up to the 100 watt
level on audio peaks. (as read on the FT100 meter)
This is also with the PRO set at 17 and engaged.

The fans don't seem to be overworking at all and I'm
getting reports from people amazed that #1 I'm running
the FT100 #2 that I'm mobile.

At least in my case, I'm very pleased with the
re-adjustments.

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> This is the kind of feedback I like - right in phase
> with
> my experience. I'm not surprised that the finals
> didn't heat up
> with the slight peak power increase. It's the
> average power
> dissipated in the devices that's going to bring up
> the temp and
> although the increased peaks do raise the average
> power a bit it's
> not much. What you don't want to do is run CW
> beyond the rated 100
> Watts output. And when you run FM on 29 MHz pull
> the average power
> back to 50 Watts. Glad it worked out for you. I'm
> setting up a
> pre-amp for my D-104 mic. That's going to be
> interesting using the
> FT-100D with a D-104 on AM. I can set the drive to
> my SB-220 for an
> unmodulated carrier output power of 250 Watts and
> basically have a kW
> PEP AM station with the FT100D!
> N6AF Chas
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...>

> wrote:
> > Chas,
> > Had a chance to implement the changes on F15 that
> you
> > suggested. When I advance F15 upward, the maximum
> > output happens at about 140. Any higher does
> nothing
> > additional and probably creates a lot of otehr
> > problems.
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> > Keeping either audio gain or PRO at 17, the new
> F15
> > setting pops the output up considerably on the
> FT100
> > meter. It stills shows a downward deflection on
> the
> > output meter but only slighly except on extreme
> audio
> > peaks.
> >
> > The scope looks just fine. As a matter of fact, I
> > tried to make it flat top and couldn't. Must be
> the
> > ALC working. Am getting great reports on AM now
> and
> > the signal is a lot stronger. Before, I'd get good
> > audio reports but the signal was pretty thin on
> AM.
> >
> > If you use the CAT100 software, there is actually
> a
> > thermometer onscreen that supposedly reads some
> kind
> > of temp on the PA. For what its worth, I ran the
> rig
> > in the former position for about 5 mins and then
> in
> > the new higher position for 5 mins. No difference
> in
> > temperature. The fans don't seem to be working any
> > harder either.
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > The "HF 100W" control, F15, increases the
> maximum
> > > output power of the
> > > rig. In CW you can adjust it for up to about
> 150

> > > Watts or so. I
> > > don't know if the transmit average power is
> folding
> > > back in AM mode
> > > because of ALC action or if this is due to the
> > > fundamental power
> > > limitation of the PA but what I do know is that
> if
> > > you increase the
> > > effective third order intercept of the PA (to
> put it
> > > in those terms)
> > > then of course the PA will be able to linearly
> > > handle a somewhat
> > > higher PEP. The apparent drop in average power
> as
> > > witnessed on a
> > > Bird wattmeter in AM disappears when the PA's
> > > overhead is increased
> > > slightly. The linearity of the PA is
> compromised on
> > > AM voice peaks
> > > and adding a bit more peak power capability
> > > elminates the
> > > compression. As observed on an oscilloscope the
> AM
> > > envelope does not
> > > extend beyond 100% modulation. It's a very
> clean
> > > looking envelope.
> > > The audio reports on the air are very good.
> > > N6AF Chas
> > >
> > > --- In FT100@y..., "Dr. Gerald N. Johnson,
> > > electrical engineer"
> > > <geraldj@i...> wrote:
> > > > Composite power peaks starving the carrier?
> > > Nonsense. Just the
> > > positive
> > > > peaks are hitting the ALC and cutting the gain
> > > after the balanced
> > > > modulator and filter. If the ALC is properly
> set
> > > for 100 watts peak
> > > > output, and the carrier is properly set for 25
> > > watts. Any ALC action
> > > > comes from trying to drive the positive peaks
> to
> > > over 100%
> > > modulation

> > > > which means the negative peaks are cutting off
> and
> > > splattering.
> > > Setting
> > > > the ALC for more than 100 watts output is
> asking
> > > for splatter from
> > > the
> > > > PA clipping, to say nothing of shortened life
> from
> > > being overdrive
> > > and
> > > > overheated. Better think about water cooling
> if
> > > you want to run more
> > > > power in such a small package, air cooling
> isn't
> > > going to do it. And
> > > > with Yaesu wanting $200 a transistor, I don't
> > > think melting PA
> > > > transistors is a positive outcome, except it
> stops
> > > the splatter.
> > > >
> > > > 73, Jerry, K0CQ
> > > >
> > > > --
> > > > Entire content copyright Dr. Gerald N.
> Johnson.
> > > Reproduction by
> > > > permission only.
> > >
> > >
> >
> >
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>

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# 12072. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 00:46:13 UTC
From: Ham_Tech@juno.com
Topic: 12072  Message: 12072

Greeting to both,

My name is Daniel. KG4DNI. I will be walking around the Merchandise Mart and also manning the WYCLIFFE BIBLE TRANSLATORS; JAARS (non-profit organization).

Both March 9 and 10th.

Charlotte Hamfest in North Carolina.

See you there,

Daniel
kg4dni
Ham_Tech@...

_____
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# 12073. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 00:38:02 UTC
From: Ham_Tech@juno.com
Topic: 12073  Message: 12073

Hi there,

Check out http://www.IRLP.net Listen to repeaters all over the USA
and some overseas.

It uses streaming audio through http://www.live365.com may be blocked by
some MSPROXY servers' firewalls.

Daniel

_____
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# 12074. THIS IS FOR THE WHOLE GROUP.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 00:42:16 UTC
From: Ham_Tech@juno.com
Topic: 12074  Message: 12074

THIS IS FOR THE WHOLE GROUP.

Hi,

If you got the CD for the FT100(D) Owners Manual, would you like the files to be either in an EXE file or just listed, so that you can copy them to your harddrive??

Would you like an extra CD with different freeware programs, such as loggers, antenna designers, and/or Control of the rig you have??

Send email to me directly at:: Ham_Tech@...

With your opinions and ideas.

Daniel
kg4dni

---
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http://dl.www.juno.com/get/web/.

# 12075. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 00:24:06 UTC
From: Ham_Tech@juno.com
Topic: 11997  Message: 12075

Greetings,

With all these requests, I do a cheerleader jump in my mind, but still keep humble in my dealings with all of you.

I plan with another shipmate to burn some CDs for your benefit. But you may have to provide ~$4 for S/H in the USA, according to his standards. I have never sent any CDs out before.

Please remember that an Amateur Radio Operator is not allowed to be paid for his/her services, only IMHO the reimbursement.

Sincerely,

Daniel

I will try my best for those of you out of the USA to get a copy on either the internet with a PDF file, (made by a friend) or by email through me, or a CD...
This is for your personal use only and not for your profit!!!

_____
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http://dl.www.juno.com/get/web/.

# 12076. Re: [FT100] FT-817 Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 00:53:21 UTC
From: Ham_Tech@juno.com
Topic: 12069  Message: 12076

Hi guys,

I just learned today, what the purpose of a NB is really for!! It is
used only to block the noise coming from an ignition system!!

Daniel
kg4dni

On Wed, 6 Feb 2002 19:57:45 -0800 (PST) James Carmody
<carmody@...> writes:
> I have both the 100D and the 817. The blanker in the
> 100D works very will and the digital noise limiter
> helps a little further. The best solution is the
> Clear Speech Speaker.
>
> On the other hand, the noise blanker in my 817 does
> not appear to do anything. It may be defective or I
> may have one of the menu settings wrong.
>
> Jim/nn5o
>
> =====
> James A. Carmody, nn5o, carmody@...
> Voice Mail: 713 446 4234; eFax: 815 461 5321
>

_____
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# 12077. Re: FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 06:13:49 UTC
From: backhoefade
Topic: 12048  Message: 12077

I'll take a BV Coastal Zinfandel; nothing fancy.
Your persistence is greater than an over driven CRT display!

Here's my suggestion.
If you have a good dummy load I would first, while leaving the rig in the vehicle and not changing anything else such as grounding at the rig, connect a 10 or 15 foot length of coax to the pigtail and connect the other end to the dummy load. So now you're out in the driveway looking a bit silly in front of your neighbors moving this "cantenna" or similar load out of the vehicle and back towards the rear of the car. Just confirm that the radio absolutely has zero trouble developing full power into that known good load at 28.5 MHz and 51 MHz even when you lay the coax across the top of the car and put the load on the trunk. Now, if you still see the "SWR" gremlin then I would say you still have a problem inside the radio. This has happened to a few guys who had already had the internal grounding fix done. If you see the problem with the dummy load then take the rig out, pop open the cabinet and re-tighten (carefully) the screw that secures the ground strap inside to the center chassis "rib". Then, again very carefully, tighten every screw you can find on the filter PCB that attaches it to the chassis (that's the PCB at the top/back of the rig. Lastly, carefully move the grey jacketed coax cable that runs along the left half of the horizontally oriented chassis "rib" (same rib that should have the grounding strap screwed into it) so that it is no longer right next to the "rib". My wife BBQ'd ribs for us tonight so that word is at the tip of my tongue. Pull the coax cable forward a bit away from the rib (actually the key is to get it away from the rear PCB area behind the center rib). If you can manage this in the car, such as with the rig on the passenger seat, while still connected to the dummy load at the end of the 10 foot or so length of antenna coax you should see the problem disappear. In fact it's highly likely that it will disappear as soon as you take off the top cover. Those internal efforts should help you even if the problem never happens with the dummy load attached but still occurs when the ATAS is connected. Let me know what you find. You may have to get creative with the internal grounding in the rig. Make sure that the grounding they did includes the screw in the rib. If you have to, as a last resort, you can (I would) try adding one more internal ground strap similar to the one that should already be in there. The fact that their original "repair" did in fact hold up for a little while tells me that there is a solution.

N6AF Chas

--- In FT100@y..., "P. J. Kerrigan" <pjk@m...> wrote:
> Hello,

>
> I've attempted over the past year to get a good mobile install of an
> FT-100/ATAS-100 in my Volvo 850. I spent a great deal of effort to
get good
> power and ground to the radio (directly to the battery), making
sure the
> antenna had a good ground (3/8 copper strap from the mount to the
body).
> I'm using a Diamond K400 trunk lip mount. I've also tried monoband
3/8"
> antennas, also with a trunk lip mount. I'm using a separation kit
with the
> radio mounted in the trunk.
>
> I've never gotten the ATAS 100 to tune well on 6m or 10m. I've
tried the
> loop balun with the feed line, putting in extra coax, putting
toroids in all
> the power and control lines.
> I sent the radio back to Cerritos for an update... it took 10 weeks
and a
> $75 alignment fee. I got the radio back a few days ago, and ... you
guessed
> it, the same problems.
>
> So, I'm thinking that I've got this: Either parasitics are detuning
the
> antenna, the power to the radio is out of spec (too low), the
ground is not
> good at RF.
>
> I have to admit, hearing the horror stories people have with this
radio
> discourage me. I've been a big Yaesu fan for years, own 3 other
radios.
>
> Any Elmer's in the Bay Area who want to swap debugging this install
in
> exchange for professional grade software/network/electronics help?
Or a
> bottle of high-end wine?

# 12078. Re: MODS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 06:24:00 UTC
From: backhoefade
Topic: 102  Message: 12078

The date doesn't guarantee they were done. You have to open the rig to see if the "SWR" mod was done properly with the strap screwed into the chassis rib. You will know if the "fan" mod was done if the fans come on when the rig is warm during long receive periods in VHF/UHF. You can also tell if the "fan" mod was done by confirming presence of a device stuck on top of the VHF/UHF final amp devices. It's a thermal switch. Look at the files and photos sections here to see the proper mods.

--- In FT100@y..., "Jan and/or Len Peak" <peaks@p...> wrote:
> To the Group......Do the mods need to be done if radio was made after July 2001,just got a 100-D made in Aug 2001, 73 Len N9HKG
>
>
> [Non-text portions of this message have been removed]

# 12079. Re: XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 06:33:09 UTC
From: backhoefade
Topic: 102  Message: 12079

You better confirm you stuck it in the correct filter spot in the rig.
Look in the manual for that info. Then just go to menu item 32 and
select "6.0" and it should be ready. You then have to go to AM mode
and then select "6 KHz" in the regular top level filter selections.
There you go! For AM operation find my posting titled something
like "Proper AM operation with the FT-100D" or "AM operation with the
FT-100D". Use the SEARCH feature to find the posting. You should
get very good AM audio reports.
N6AF Chas

--- In FT100@y..., "Greg Hicks" <gahicks@c...> wrote:
> Hey,
> I just installed my XF-117C and turned on the menu option, but I
cannot
> seem to tell any difference. Any one have one and can tell me what
to
> expect/test my installation?
> Greg
>
>
>
>
>
> [Non-text portions of this message have been removed]

# 12080. Re: am transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 06:40:55 UTC
From: backhoefade
Topic: 11805  Message: 12080

Good to hear. Yeah, it seems you don't have to push the F15 control far at all to get rid of the compression. Now experiment with the MIC DSP. Some people like it when I set it for the lows at setting "1" but others prefer "2" for mid-range emphasis. Let me know what you find.
73's Chas N6AF

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> Chas,
> Just wanted to let you know that I am getting
> remarkable reports on 10 mtr AM with the new settings
> for F51 and F15. (68 and 140 respectively)
>
> As I key the mic, the carrier stays at 5-6 bars (the
> 25 watt resting output) and pops up to the 100 watt
> level on audio peaks. (as read on the FT100 meter)
> This is also with the PRO set at 17 and engaged.
>
> The fans don't seem to be overworking at all and I'm
> getting reports from people amazed that #1 I'm running
> the FT100 #2 that I'm mobile.
>
> At least in my case, I'm very pleased with the
> re-adjustments.
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:
> > This is the kind of feedback I like - right in phase
> > with
> > my experience. I'm not surprised that the finals
> > didn't heat up
> > with the slight peak power increase. It's the
> > average power
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> > although the increased peaks do raise the average
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> > FT-100D with a D-104 on AM. I can set the drive to
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> > PEP AM station with the FT100D!
> > N6AF Chas
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> > --- In FT100@y..., John Spiceman <jrmorris28@y...>
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> > >
> > > John - WB0RLD
> > >
> > > --- backhoefade <cgarner@h...> wrote:
> > > > The "HF 100W" control, F15, increases the
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> > > > back in AM mode
> > > > because of ALC action or if this is due to the
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> > > > limitation of the PA but what I do know is that
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> > > > then of course the PA will be able to linearly
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> > > > higher PEP. The apparent drop in average power
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> > > > Bird wattmeter in AM disappears when the PA's
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> > > > slightly. The linearity of the PA is
> > compromised on
> > > > AM voice peaks
> > > > and adding a bit more peak power capability
> > > > elminates the
> > > > compression. As observed on an oscilloscope the
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> > > > extend beyond 100% modulation. It's a very
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> > > > looking envelope.
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> > > > N6AF Chas
> > > >
> > > > --- In FT100@y..., "Dr. Gerald N. Johnson,
> > > > electrical engineer"
> > > > <geraldj@i...> wrote:
> > > > > Composite power peaks starving the carrier?
> > > > Nonsense. Just the
> > > > positive
> > > > > peaks are hitting the ALC and cutting the gain
> > > > after the balanced

> > > > > modulator and filter. If the ALC is properly
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> > > > > for 100 watts peak
> > > > > > output, and the carrier is properly set for 25
> > > > > watts. Any ALC action
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> > to
> > > > > over 100%
> > > > > modulation
> > > > > > which means the negative peaks are cutting off
> > and
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> > > > > Setting
> > > > > > the ALC for more than 100 watts output is
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> > > > > the
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> > from
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> > > > > and
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> > if
> > > > > you want to run more
> > > > > > power in such a small package, air cooling
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> > > > > going to do it. And
> > > > > > with Yaesu wanting $200 a transistor, I don't
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> > > > > > transistors is a positive outcome, except it
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> > > > > the splatter.
> > > > > >
> > > > > > 73, Jerry, K0CQ
> > > > > >
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# 12082. FT100 Manual PDF File available for download

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 09:30:36 UTC
From: Mark Slade
Topic: 12082  Message: 12082

Hi All,

I've PDF'd the manual that Daniel supplied me and is available for download
at:-

http://www.teml.co.uk/FT100Manual.pdf
<http://www.teml.co.uk/FT100Manual.pdf>

It's about 6.6mb in size so could take a while on a slower connection..

73, Mark, M0CUK

[Non-text portions of this message have been removed]

# 12083. Re: group scanning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 12:56:18 UTC
From: kg4fet
Topic: 12063  Message: 12083

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> Can anyone refresh me as to how I scan OLNY the memories in a
certain group?
> Like MG3 alone?
>
> If only, if ONLY I had the manual on my laptop in the car! <g>
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> Currently 2 NEW 2002 T-Birds in stock, $50k ea.

Pres,
In the MEM mode dial into the group you want to scan. Push and hold the select knob until the FT 100 Beeps (if you have the beep on)and MCH turns to GCH. Thats all there is to it.

For those of you not in the know as well there is a way to skip the unused MEM's as well when scanning. In the MEM mode (not MT or V-A/V-B)push the step button once and you will skip the unused MEM's. To have access to these "hidden" empty MEM's do the same above and you will have the empties back.
73 Pres and Good to be able to help you for once HIHI
Sandor KG4FET

# 12084. Re: [FT100] FT100 Manual PDF File available for download

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 13:26:28 UTC
From: Jim Dawson
Topic: 12082  Message: 12084

Mark,

Nice job and thanks!

de,
Jim - K9DD

----- Original Message -----
From: "Mark Slade" <mark@...>
To: <ft100@yahoogroups.com>
Sent: Thursday, February 07, 2002 3:30 AM
Subject: [FT100] FT100 Manual PDF File available for download

> Hi All,
>
> I've PDF'd the manual that Daniel supplied me and is available for download
> at:-
>
> http://www.teml.co.uk/FT100Manual.pdf
> <http://www.teml.co.uk/FT100Manual.pdf>
>
> It's about 6.6mb in size so could take a while on a slower connection..
>
>
> 73, Mark, M0CUK
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
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# 12085. FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 13:48:43 UTC
From: John Hirth
Topic: 12085  Message: 12085

I've made a single clean PDF copy of the manual that will be available on same web site where Lee keeps the FT-100 FAQ file. Watch for Lee's notice to the list. I've cleaned up some of the scans that Daniel provided and done some of my own to fill in some of the pages that were missing or duplicated in Daniel's package (no problem, Dan).

So Dan, you can hold off sending out your zip files of all the pages. Folks will be able to download it themselves.

Thanks to Dan for all his efforts.
73, John W2KI

# 12086. Re: [FT100] FT-817 Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 14:31:14 UTC
From: Pres Waterman
Topic: 12069  Message: 12086

>
> On the other hand, the noise blanker in my 817 does
> not appear to do anything. It may be defective or I
> may have one of the menu settings wrong.

I have the same experience.

Oh the ft817@yahoogroups page we have a poll asking users their effectiveness on the NB. Also, there is a tech info page referenced at the end of every email, which discusses the NB in the 817 and possible mods to help it.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12087. Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 14:43:07 UTC
From: k sirois
Topic: 12087  Message: 12087

So has anyone out there actually done the swr mod themselves?, from what I understand Yaesu is charging about $160 bucks to get this done.

# 12088. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 14:39:29 UTC
From: Pres Waterman
Topic: 11997  Message: 12088

> 
> Please remember that an Amateur Radio Operator is not allowed to be paid
> for his/her services, only IMHO the reimbursement.

No, the Amateur cannot use the radio spectrum allocated to Amateur Radio for "pecuniary interest"... can't be paid for the use of the radio is one interpretation.

Other services, such as manual duplication/scanning/media conversion ( which is all you are doing, converting paper to digital ) or repair or tower rigging or mobile installation, or whatever, certainly can be done on a paid basis.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 12089. Re: [FT100] FT-817 Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 14:44:19 UTC
From: Pres Waterman
Topic: 12069  Message: 12089

>
> I just learned today, what the purpose of a NB is really for!! It is
> used only to block the noise coming from an ignition system!!

Yes, mostly, although I have seen them work on other impulse noise such as the buzz from a fluorescent light or dimmer.

Think repetitive, popping, sharp noise spikes.

When you do finally score a FT-100 ( there are at least 2 I have heard of here on the list with very expensive final amplifier repairs necessary that the owners threatened to throw away... you will want to approach them about carrying them to the dumpster for them ) you will be amazed at the quality and depth of the NB in it. No, actually, you will be amazed at the poor results of other ones compared to the FT-100!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12090. Re: [FT100] group scanning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 15:08:52 UTC
From: John Hirth
Topic: 12063  Message: 12090

Pres,

When you're on a memory channel in the group you want to restrict
scanning to, press and hold the Select knob (lower left corner). You'll
see GCH appear in the display. Now scanning will be restricted to this
memory group.

73, John W2KI
============

Pres Waterman wrote:
>
> Can anyone refresh me as to how I scan OLNY the memories in a certain group?
> Like MG3 alone?
>
> If only, if ONLY I had the manual on my laptop in the car! <g>
>
> Pres Waterman, W2PW

# 12091. Re: [FT100] Re: group scanning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 16:07:59 UTC
From: Pres Waterman
Topic: 12063  Message: 12091

> Pres,
> In the MEM mode dial into the group you want to scan. Push and hold
> the select knob until the FT 100 Beeps (if you have the beep on)and
> MCH turns to GCH. Thats all there is to it.

Works like a charm. Thanks, Sandor!

>
> For those of you not in the know as well there is a way to skip the
> unused MEM's as well when scanning. In the MEM mode (not MT or V-A/V-
> B)push the step button once and you will skip the unused MEM's. To
> have access to these "hidden" empty MEM's do the same above and you
> will have the empties back.
> 73 Pres and Good to be able to help you for once HIHI

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 12092. Re: [FT100] group scanning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 16:49:54 UTC
From: Pres Waterman
Topic: 12063  Message: 12092

> Pres,
>
> When you're on a memory channel in the group you want to restrict
> scanning to, press and hold the Select knob (lower left corner). You'll
> see GCH appear in the display. Now scanning will be restricted to this
> memory group.

Thanks, got it!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12093. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 17:07:36 UTC
From: Lee Devlin
Topic: 12085  Message: 12093

I'd like to thank Daniel and John for their work in
making this manual available. It is a 5MB .pdf file
and I've confirmed that it loads properly into Adobe's
version 5 pdf viewer. You can the find the manual at:

http://k0lee.com/images/FT-100D%20Manual.pdf

It's also linked to the FAQ under the topic of
'Owner's Manual Information'.

73,

Lee, K0LEE
--- John Hirth <w2ki@...> wrote:
> I've made a single clean PDF copy of the manual that
> will be available
> on same web site where Lee keeps the FT-100 FAQ
> file. Watch for Lee's
> notice to the list. I've cleaned up some of the
> scans that Daniel
> provided and done some of my own to fill in some of
> the pages that were
> missing or duplicated in Daniel's package (no
> problem, Dan).
>
> So Dan, you can hold off sending out your zip files
> of all the pages.
> Folks will be able to download it themselves.
>
> Thanks to Dan for all his efforts.
> 73, John W2KI
>

---------------------------------------------------
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http://greetings.yahoo.com

# 12094. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 17:15:36 UTC
From: Pres Waterman
Topic: 12085  Message: 12094

> I'd like to thank Daniel and John for their work in
> making this manual available. It is a 5MB .pdf file
> and I've confirmed that it loads properly into Adobe's
> version 5 pdf viewer. You can the find the manual at:

Will it read with Acroread3?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12095. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 17:35:52 UTC
From: Lee Devlin
Topic: 12085  Message: 12095

--- Pres Waterman <presw@...> wrote:

> Will it read with Acroread3?

I haven't tested with Acrobat 3 since I updated to
Acrobat 5 a while ago. Acrobat is free to download,
so if you haven't updated in a while, give it a try.

You can find the free Acrobat reader at:

http://www.adobe.com/products/acrobat/readstep2.html

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://greetings.yahoo.com

# 12096. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 17:45:08 UTC
From: John Hirth
Topic: 12085  Message: 12096

Pres,

I no longer have any of the early Reader versions so I can't directly answer your question as to whether the PDF manual is readable by old Acrobat Readers.

Acrobat Reader version 5 can be downloaded FREE from Adobe's web site. Here's a link that get's you directly to the download page. (Older versions are available on the web site too, if for some reason you need to go backward after installing Version 5).

http://www.adobe.com/products/acrobat/readstep.html

73, John W2KI
---

Pres Waterman wrote:
>
> > I'd like to thank Daniel and John for their work in
> > making this manual available. It is a 5MB .pdf file
> > and I've confirmed that it loads properly into Adobe's
> > version 5 pdf viewer. You can the find the manual at:
>
> Will it read with Acroread3?
>
> Thanks
>
> Pres Waterman W2PW

# 12097. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 18:16:56 UTC
From: David Kiwerski
Topic: 12085  Message: 12097

FYI - Acrobat Reader 5 runs slowly on any computer around a 400Mhz processor - I'm using V4 on my Dell 400Mhz, and V5 on my 1.2Ghz computer. There's a definite speed difference.

daveK wp2aat

John Hirth wrote:
>
> Pres,
>
> I no longer have any of the early Reader versions so I can't directly
> answer your question as to whether the PDF manual is readable by old
> Acrobat Readers.
>
> Acrobat Reader version 5 can be downloaded FREE from Adobe's web site.
> Here's a link that get's you directly to the download page. (Older
> versions are available on the web site too, if for some reason you need
> to go backward after installing Version 5).
>
> http://www.adobe.com/products/acrobat/readstep.html
>
> 73, John W2KI
> -----------
>
> Pres Waterman wrote:
> >
> > > I'd like to thank Daniel and John for their work in
> > > making this manual available. It is a 5MB .pdf file
> > > and I've confirmed that it loads properly into Adobe's
> > > version 5 pdf viewer. You can the find the manual at:
> > >
> > Will it read with Acroread3?
> >
> > Thanks
> >
> > Pres Waterman W2PW
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12098. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 18:47:21 UTC
From: John Hirth
Topic: 12085  Message: 12098

I can report that the PDF version of the FT-100D manual now on Lee's FAQ site DOES seem to work with Acrobat Reader 4.0 (AcroRd32.exe), as well as with Version 5.

John W2KI

# 12099. [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 19:33:47 UTC
From: wb4eje
Topic: 12035  Message: 12099

Here's something that I found very interesting......

When I had the FT-100 in my Ford F-150 the ignition noise was basically blanked out by the noise from the electric fuel pump. The noise blanker in the FT-100 is one of the best I have ever seen, however it was not very effective against the fuel pump noise because of the severe duty cycle. (ignition spark noise has a very short duration and is more easily blanked)

Last night I installed the replacement for the FT-100 (VHF/UHF Final FET shorted) which is a IC-706MKIIG. I can't even hear the fuel pump! Same vehicle, same antennas, same coax cables, same outboard speaker, same power connection, the only difference is the radio. I hear ignition noise, but not the fuel pump.

Makes me wonder if the fuel pump noise was coming into the FT-100 via the power input rather than through the antenna?

DE WB4EJE

# 12100. Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 19:47:04 UTC
From: backhoefade
Topic: 12087  Message: 12100

My understanding was that they will do it for free even if it's out of warranty. You have to pay for an "alignment" which is about $75 plus return shipping but charge for them to correct the original design problem. No one should have to pay for the "SWR" mod. It's a basic design flaw, just like the fan issue at VHF. No question about it.

--- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> So has anyone out there actually done the swr mod
> themselves?, from what I understand Yaesu is charging
> about $160 bucks to get this done.

# 12101. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 20:26:36 UTC
From: Pres Waterman
Topic: 12085  Message: 12101

> I'd like to thank Daniel and John for their work in
> making this manual available. It is a 5MB .pdf file
> and I've confirmed that it loads properly into Adobe's
> version 5 pdf viewer. You can the find the manual at:
>
> http://k0lee.com/images/FT-100D%20Manual.pdf
>
>

After getting Acrobat Reader 5 ( it will NOT work with 3 ) it is GOOD!

But, how do I store it to my HDD?

When I click on the link in the email, it OPENS but no option to download.

IF there was a link tot he file on webpage I suppose I could right-click to
download.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 12102. Saving PDF file

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 20:05:54 UTC
From: John Hirth
Topic: 12102  Message: 12102

Pres,

If you've got the PDF file open in Acrobat Reader 5, you should be able
to select "File/Save a Copy" from the reader's topmost menu bar. There
are other ways to save a copy, but they depend on your browser/version.
Mine (IE6) asks me "open or save?".

73, John W2KI
--------

Pres Waterman wrote:
>
> After getting Acrobat Reader 5 ( it will NOT work with 3 ) it is GOOD!
>
> But, how do I store it to my HDD?
>
> When I click on the link in the email, it OPENS but no option to download.
>
> IF there was a link tot he file on webpage I suppose I could right-click to
> download.
>
> Thanks
>
> Pres Waterman W2PW

# 12103. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 21:08:21 UTC
From: Lee Devlin
Topic: 12085  Message: 12103

--- Pres Waterman <presw@...> wrote:
>
> After getting Acrobat Reader 5 ( it will NOT work
> with 3 ) it is GOOD!
>
> But, how do I store it to my HDD?
>
> When I click on the link in the email, it OPENS but
> no option to download.
>
> IF there was a link tot he file on webpage I
> suppose I could right-click to
> download.

When it opens, there should be a row of icons in the
browser. The third one from the left looks like a
floppy disk and if you click it, it will ask you where
you want to store the file. Let us know if it works
for you.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://greetings.yahoo.com

# 12104. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 20:12:30 UTC
From: n4aiw@aol.com
Topic: 12035  Message: 12104

the fuel pump runs through the ignition switch with most other stuff and you get its noise along with every thing else unlike GM and Daimler who frame grounds and relays many items, look under the dash on many of them. got your recall on the
ignition switch yet. gets hot doing all that work the extra wires make good ant. too
i don't recommend anything but some people have broken the ground at the fuel pump and put it to frame ground there. Some have added parts at the pump. ford
has know about this problem for years and will only fix it on a one on one basis.
Got warranty by the way it doesn't matter if you put it to the battery the noise will
run through the wires to the post to the wires you connect your radio too.

# 12105. DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 21:18:47 UTC
From: w1pa
Topic: 12105  Message: 12105

Does anyone have a list of accessories (power/swr meters, tuners, diplexors, etc.) that provide a DC path for the ATAS to work?

If not, send me manufacturer and model numbers (directly, not through the list) and I will compile and post.

Bill
W1PA

# 12106. Oh no, mt FT100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 22:22:47 UTC
From: Gary Mitchelson
Topic: 12102  Message: 12106

Just after I said it has been working fine for 2+ years my FT100 mobile has died. No TX output on all bands. The ATAS I had bought with it died a couple of months back and now my poor FT100. Hopefully it is not a major repair.

Gary Mitchelson
N3JPU/AFA1PU Montgomery Co. MD FM19
http://n3jpu.tripod.com
n3jpu@... n3jpu@...
gary.mitchelson@... (work)

# 12107. Oh no, mt FT100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 22:34:54 UTC
From: Gary Mitchelson
Topic: 12102  Message: 12107

It is all bands on the HF side.

Just after I said it has been working fine for 2+ years my FT100 mobile has died. No TX output on all bands. The ATAS I had bought with it died a couple of months back and now my poor FT100. Hopefully it is not a major repair.

Gary Mitchelson
N3JPU/AFA1PU Montgomery Co. MD FM19
http://n3jpu.tripod.com
n3jpu@... n3jpu@...
gary.mitchelson@... (work)

# 12108. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 22:04:51 UTC
From: Mike May
Topic: 12087  Message: 12108

Just thought I'd ask but does anyone know why would a recently shipped radio need an alignment ? If adding the grounding straps really screws up the tuning then they really do have a design problem that should be covered by warranty. Maybe it's just a way to get some bucks for all of the warranty work ?

Mike WB8VLC/7

backhoefade wrote:

> My understanding was that they will do it for free even if it's out
> of warranty. You have to pay for an "alignment" which is about $75
> plus return shipping but charge for them to correct the original
> design problem. No one should have to pay for the "SWR" mod.
> It's a basic design flaw, just like the fan issue at VHF. No
> question about it.
>
> --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > So has anyone out there actually done the swr mod
> > themselves?, from what I understand Yaesu is charging
> > about $160 bucks to get this done.
>
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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[Non-text portions of this message have been removed]

# 12109. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 23:43:31 UTC
From: Jim Dawson
Topic: 12085  Message: 12109

I did a right click on the link in the email and chose "Save target as". It worked fine.

BTW, thanks for the nice pdf.

Jim - K9DD

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, February 07, 2002 2:26 PM
Subject: Re: [FT100] FT-100 Manual in single file PDF form

> > I'd like to thank Daniel and John for their work in
> > making this manual available. It is a 5MB .pdf file
> > and I've confirmed that it loads properly into Adobe's
> > version 5 pdf viewer. You can the find the manual at:
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> > http://k0lee.com/images/FT-100D%20Manual.pdf
> >
> >
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> After getting Acrobat Reader 5 ( it will NOT work with 3 ) it is GOOD!
>
> But, how do I store it to my HDD?
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> When I click on the link in the email, it OPENS but no option to download.
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> IF there was a link tot he file on webpage I suppose I could right-click to
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>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> Currently 2 NEW 2002 T-birds in stock $50k ea. TMV
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---------------------------------------------------------
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# 12110. Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 23:45:57 UTC
From: backhoefade
Topic: 12087  Message: 12110

You figured it out. You could argue that they shouldn't charge to do the mods even after the 1 year warranty is expired. But on the other hand they have to draw the line somewhere, otherwise they'd be supporting radios for free 5 years after they're sold in some cases.

I'm getting a little nervous hearing about all these final amp failures at the 1 to 2 year old point. Mine is about 14 months old. Between the reliability issue, the fan and spurious oscillation design bugs and the lack of accurate and complete info in the manual I will be taking a serious look at other rigs in the future. I may unload this FT-100D at some point before it's final amp heads south. Darn, I wish someone else had the equivalent performance without the reliability issue. The 706 receiver just doesn't cut it for me, especially for crowded CW operation. Plus the FT-100D noise blanker is great and I like to monitor above 460 MHz - so the 706 is out. The TS-2000 is a possibility but that's a larger package.

I want the equivalent of an FT-1000MP inside an FT-100D box with long term reliability akin to something the Navy Seals would feel comfortable dragging all over the worst war theater on the planet! Where is my radio!

N6AF Chas

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> Just thought I'd ask but does anyone know why would a recently
shipped
> radio need an alignment ? If adding the grounding straps really
screws
> up the tuning then they really do have a design problem that should
be
> covered by warranty. Maybe it's just a way to get some bucks for
all of
> the warranty work ?
>
>
> Mike WB8VLC/7
>
> backhoefade wrote:
>
> > My understanding was that they will do it for free even if it's
out
> > of warranty. You have to pay for an "alignment" which is about
$75
> > plus return shipping but charge for them to correct the original
> > design problem. No one should have to pay for the "SWR" mod.

> > It's a basic design flaw, just like the fan issue at VHF. No
> > question about it.
> >
> > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > So has anyone out there actually done the swr mod
> > > themselves?, from what I understand Yaesu is charging
> > > about $160 bucks to get this done.
> >
> >
> > Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> or by mail before they will have legal effect. The sender of
> this email is not authorized to commit the company in any way
> and the addressee is hereby formally notified of that fact.
> [Wulfsberg Electronics Division; Prescott, Arizona USA]
>
>
>
> [Non-text portions of this message have been removed]

# 12111. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 00:44:19 UTC
From: Pres Waterman
Topic: 12085  Message: 12111

Once you have the file on your screen look for the save button or the menu File then SAVE.

Thanks to all who tried to tell me how to save.

Well, in my experience, File...Save was greyed out. I will try again from home

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

[Non-text portions of this message have been removed]

# 12112. Re: [FT817] Ignition noise - thanks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 02:02:12 UTC
From: Pres Waterman
Topic: 12112 Message: 12112

> > The FT817 is the perfect little rig to take vehicle shopping. The MP-1 on a mag mount will cover most of the HF band and the FT817 hears pretty well. I did this when I went shopping. I walked away from a few too.

I was thinking of the numbers yesterday...

Please check my thoughts, and even the math, and the hard numbers I have plugged in for population and other percentages.

To use JUST one manufacturer, Ford, as an example. The numbers for GM are somewhat bigger, Toyota somewhat less...etc etc.

Theory:
700,000 US hams
70% active
40% active mobile
20% in the market THIS YEAR ( my guess is 20% of ANY population is in the market at any given time, since most cars are traded in on a 5-year cycle, or MUCH sooner in reality, like 2.5 years, which would double some percentages below )

=56,000 or more mobile hams shopping new vehicles THIS YEAR

facts:
16,000,000+ total US new car/truck industry ( trust me on this number )
~30% Ford share ( also trust... )
=4,800,000 Ford yearly US sales

1.17%=mobile hams shopping NOW as a % of the total US sales
now, here's where I may take a wrong turn in logic...
4.38%=hams, shopping or not, as % of total US new industry this year
14.58%=hams, shopping or not, as a % of Ford sales this year.

So, 1.17% of the people shopping 800 different choices of makes/models CARE about ignition noise
over 14% of Ford's ( alone ) customers care about ignition noise and may make a decision now or in the next few years based on noise.

We haven't even DISCUSSED fleets such as Red Cross, Fire/Ambulance/Police etc...

Do we think OVER 1/8 of the customer base's needs is an opinion the manufacturers want to pay attention to?

I say YES. ( Can I get an AMEN!?!?! )

Now, what do WE do about it!??!?!?!

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12113. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 02:18:03 UTC
From: Pres Waterman
Topic: 12085  Message: 12113

> I did a right click on the link in the email and chose "Save target as".
It
> worked fine.

Son of a gun! Why did I think that would only work with a link in a webpage?
It worked fine from the mail too!

( It also arrived in 52 seconds... all 5MB of it! Thank God for cable
odem )

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12114. Re: [FT100] Oh no, mt FT100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 00:09:39 UTC
From: Mike May
Topic: 12102  Message: 12114

Gary,

If you have the radio apart with the power amp section facing up pull the 2 plug in coax cables near the right center of the radio, these are the drive cables to the 2 power amps and they are closest to the center rib on the V/U power amp side. I don't remember which is HF drive as I don't have a schematic in front of me so that's why I say pull ( unplug) both cables. Take a volt meter and place it on the input side of one of the MRF255 HF finals and key the mic and see what the gate voltage is at, repeat this for the other MRF255. Don't worry, with the drive cables unplugged your meter is safe from RF. The gate voltage should be under 9 volts, if it's higher say like 13.8 volts then I'd say you have a gate punch thru problem and the device is dead. Also check the MRF5015 driver in the same way, it is under the black foam material that the VHF/UHF output cable is snaked thru. Also check for 13.8 volts on the drains of both of the MRF255's. If the gate voltages seem fine under 9 volts but also not 0 volts during TX then check for a broken wire around the rf input or output transformers, I had a cold solder joint on mine that was about to go but I caught it in time.

Mike

Gary Mitchelson wrote:

> It is all bands on the HF side.
>
> Just after I said it has been working fine for 2+ years my FT100 mobile
> has died. No TX output on all bands. The ATAS I had bought with it died
> a couple of months back and now my poor FT100. Hopefully it is not a
> major repair.
>
> Gary Mitchelson
> N3JPU/AFA1PU Montgomery Co. MD FM19
> http://n3jpu.tripod.com
> n3jpu@... n3jpu@...
> gary.mitchelson@... (work)
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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# 12115. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 00:23:53 UTC
From: Mike May
Topic: 12087  Message: 12115

Chas,

I wouldn't mind the next generation radios having a nice small control head like the FT100D but with a medium sized or even large sized trunk mount RF unit with some serious fins on it and some serious isolation between the stages AKA a Moto or GE land mobile radio, R ya listening Yaesu design engineers or marketing types ? I still have my 110 watt GE rangr with the frequency agile S990 head and it never slumps power even down in Phoenix in the trunk in the summer, of course it doesn't have all modes and all bands but the size was never a problem, I could even throw it under the seat in a rental and it still worked. Just think what Yaesu, Icom or Kwd could put in a trunk mount box the size of a GE Rangr or moto Syntor ? Oh well I guess I have to stop dreaming as it would never happen, they being the designers or maybe I should say the marketers would never listen to a customers suggestions would they ?

Mike

backhoefade wrote:

> You figured it out. You could argue that they shouldn't charge to do
>
> the mods even after the 1 year warranty is expired. But on the other
> hand they have to draw the line somewhere, otherwise they'd be
> supporting radios for free 5 years after they're sold in some cases.
>
> I'm getting a little nervous hearing about all these final amp
> failures at the 1 to 2 year old point. Mine is about 14 months old.
> Between the reliability issue, the fan and spurious oscillation
> design bugs and the lack of accurate and complete info in the manual
> I will be taking a serious look at other rigs in the future. I may
> unload this FT-100D at some point before it's final amp heads south.
> Darn, I wish someone else had the equivalent performance without the
> reliability issue. The 706 receiver just doesn't cut it for me,
> especially for crowded CW operation. Plus the FT-100D noise blanker
> is great and I like to monitor above 460 MHz - so the 706 is out.
> The TS-2000 is a possibility but that's a larger package.
>
> I want the equivalent of an FT-1000MP inside an FT-100D box with long
> term reliability akin to something the Navy Seals would feel
> comfortable dragging all over the worst war theater on the planet!
> Where is my radio!
>
> N6AF Chas
>
> --- In FT100@y..., Mike May <mike.may@w...> wrote:

> > Just thought I'd ask but does anyone know why would a recently
> shipped
> > radio need an alignment ? If adding the grounding straps really
> screws
> > up the tuning then they really do have a design problem that should
> be
> > covered by warranty. Maybe it's just a way to get some bucks for
> all of
> > the warranty work ?
> >
> >
> > Mike WB8VLC/7
> >
> > backhoefade wrote:
> >
> > > My understanding was that they will do it for free even if it's
> out
> > > of warranty. You have to pay for an "alignment" which is about
> $75
> > > plus return shipping but charge for them to correct the original
> > > design problem. No one should have to pay for the "SWR" mod.
> > > It's a basic design flaw, just like the fan issue at VHF. No
> > > question about it.
> > >
> > > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > > So has anyone out there actually done the swr mod
> > > > themselves?, from what I understand Yaesu is charging
> > > > about $160 bucks to get this done.
> > >
> > >
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> >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
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> > [Wulfsberg Electronics Division; Prescott, Arizona USA]
> >
> >
> >
> > [Non-text portions of this message have been removed]
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 12116. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 01:12:21 UTC
From: Paul Manuel
Topic: 12087  Message: 12116

--- Mike May <mike.may@...> wrote:
> Just thought I'd ask but does anyone know why would a recently shipped
> radio need an alignment ? . Maybe it's just a way to get some bucks for
all of the warranty work ?
The alignment fee referred to out-of-warranty radios. I had asked them
about my 18-month-old FT100 and the mods, and they said they would do the
"updates" free, but charge for shipping and alignment.
I'm sure they could say that they want to make sure no misaligned radio
leaves their facility. But yes, it is a way to receive payment for work
that should be free.
73,
Paul K4PDM

_____
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# 12117. Re: XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 01:38:06 UTC
From: ft100guy
Topic: 102  Message: 12117

> 
> --- In FT100@y..., "Greg Hicks" <gahicks@c...> wrote:
> > Hey,
> > I just installed my XF-117C and turned on the menu option, but I
> cannot
> > seem to tell any difference. Any one have one and can tell me
what
> to
> > expect/test my installation?
> > Greg

Check the files area, I put up pictures of the filter locations and
you can check to see if you installed it right, you must turn it on
as well in the menu. The board you installed replaced the original
osc. You simply remove the original and replace with the tcxo-8. Save
the old one in the original tcxo-8 box so you dont lose it..
Regards.. Richy N2ZD

# 12118. Re: FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 02:07:16 UTC
From: ft100guy
Topic: 12048  Message: 12118

> Any Elmer's in the Bay Area who want to swap debugging this install
in
> exchange for professional grade software/network/electronics help?
Or a
> bottle of high-end wine?

Forget the wine, Jack Daniels is fine :-p Anyway, there are a few
things to go over first as these are quirky radios. Make sure with a
voltmeter that you are seeing over 12.5 volts when the vehicle is
running. Go to the local auto parts store and grab two "Help" Brand
braided engine grounding straps and mount them to each side of the
rig, then ground them to the chassis next to the radio. Add an
additional braided ground to the mount (I have a Lakewood License
plate mount and its perfect for the atas antenna) It comes with a
small ground wire which you attach to the trunk lid. I ran it thru
the license plate light into the trunk and attached it right inside
to the underside of the lid.
I then inverted the supplied connector and threaded the atas to
the inverted pl-259 to thread mount and used soldered lugs to connect
the coax to the threaded end and the shield was grounded to the mount
( I water proofed the end of the coax and lugs with shrink tubing.) I
also replaced the license plate sscews with the ones Lakewood
supplies so it doesnt pull the plastic retainers off of the plate and
you end up dragging the antenna down the street.
Then Run a large, double fused,negative and positive lead to the
radio location directly from the battery and rid yourself of the
Yaesu fuses as they stink (they corrode if they are outside and you
cant tell they are failing.)
Keep the coax long (15-20 feet to start) and roll it into a circle
of about 10 turns with a center diameter of about 7-8 inches secured
with ties near the antenna, you can play around with that length to
get good matches on every band. Dont use anything too thick, just go
with the thin coax as its good enough, believe me I made 1000's of
contacts with the atas/ft100 combo.
Forget running the ATAS on VHF and UHF, you will spend most of your
day talking to yourself and some duplexers will not pass the voltage
signals to the atas correctly. Use a separate antenna (I use a
Cushcraft mag mount dual bander for those bands. The most important
thing is the grounds, the voltage supplied to the rig and make sure
your not too close to the rear defroster grid as this will cause
problems as well. From time to time, hyper extend the antenna and
remove the boot, clean the coil and the ball bearings, re-tension the
springs and reassemble with some nonconductive lube. Silicone spray
the boot inside and out and reinstall. Aslo make sure your menu
settings are correct and remember that the FT100 doesnt know where

the atas is, it only knows when there is a match and then it judges direction by your band changes, any manual tweaking of the antenna will make the antenna travel in the last commanded direction when you auto tune so keep that in mind.. Let me know if you need more help.. Regards.. Richy N2ZD

# 12119. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 04:25:07 UTC
From: n4xeo
Topic: 12085  Message: 12119

At 01:08 PM 2/7/2002 -0800, Lee Devlin wrote:

>--- Pres Waterman <presw@...> wrote:
> >
> > After getting Acrobat Reader 5 ( it will NOT work
> > with 3 ) it is GOOD!
> >
> > But, how do I store it to my HDD?
> >
> > When I click on the link in the email, it OPENS but
> > no option to download.
> >
> > IF there was a link tot he file on webpage I
> > suppose I could right-click to
> > download.
>
>When it opens, there should be a row of icons in the
>browser. The third one from the left looks like a
>floppy disk and if you click it, it will ask you where
>you want to store the file. Let us know if it works
>for you.
>
>
>
>=====
>73,
>
>Lee Devlin, K0LEE
>Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

Lee,

Any chance of zipping it up to make it a smaller download? I have no idea what your HD space is like at the server.... That way one could go in with a FTP program and speed the dl up a bunch if it was zipped...

Just a thought.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 12120. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 04:54:36 UTC
From: Lee Devlin
Topic: 12085  Message: 12120

--- n4xeo <n4xeo@...> wrote:

> Any chance of zipping it up to make it a smaller
> download? I have no idea
> what your HD space is like at the server.... That
> way one could go in with
> a FTP program and speed the dl up a bunch if it was
> zipped...
>
> Just a thought.

Actually, PDF compresses the file so I'm not sure that zipping it would create a smaller file. Also, the PDF has the advantage of being able to browse it or print it which isn't as easy if it were a compressed set of tiff images. John also added a bunch of bookmarks to the .pdf file that allows one to navigate the file to find a particular topic.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

---------------------------------------------------
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# 12121. RE: [FT100] Re: XF-117C

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 03:01:18 UTC
From: Greg Hicks
Topic: 102  Message: 12121

Thanks! All seems to be working normally.. Even got the tcxo
calibrated, whew finding a small non metallic screw driver was hard! Do
you have the AM filter? If you do, have you used it on Aircraft bands?
Greg

-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Thursday, February 07, 2002 7:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: XF-117C

>
> --- In FT100@y..., "Greg Hicks" <gahicks@c...> wrote:
> > Hey,
> > I just installed my XF-117C and turned on the menu option, but I
> cannot
> > seem to tell any difference. Any one have one and can tell me
what
> to
> > expect/test my installation?
> > Greg

Check the files area, I put up pictures of the filter locations and
you can check to see if you installed it right, you must turn it on
as well in the menu. The board you installed replaced the original
osc. You simply remove the original and replace with the tcxo-8. Save
the old one in the original tcxo-8 box so you dont lose it..
Regards.. Richy N2ZD

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[Non-text portions of this message have been removed]

# 12122. Re: [FT100] My personal goals for life and Amateur Radio, if it is too long and you don't have time, do what you want with it!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 03:25:59 UTC
From: Albert Furlow
Topic: 12066  Message: 12122

I think I can work with that.. KA1FFO
----- Original Message -----
From: Ham_Tech@...
To: mark@... ; FT100@yahoogroups.com
Cc: alan_rorie@... ; Bill_Foust@... ; Carol_Brinneman@... ; Corey_Wenger@... ; j-e.chepey@... ; jairush@... ; jennwillett@... ; josephrm@... ; ka8fjc@... ; kaettera@... ; lightattack@... ; Matt_Peifer@... ; mjjohnson7587@... ; n3jpu@... ; mccull3@... ; Neal_Brinneman@... ; Paul_Closius@... ; pianochic2001@... ; Steve_Xavier@... ; trevallion@... ; wa7nrp@... ; DixieBelleBeth@...
Sent: Wednesday, February 06, 2002 5:14 PM
Subject: [FT100] My personal goals for life and Amateur Radio, if it is too long and you don't have time, do what you want with it!!

Greetings to others in the email list.

You may not have a clue what I am talking about, but keep reading to the end. Because I will share my personal goals with you. And these are the things that I am involved with at this time in life, along with 19 credit hours in college.

God Bless you,
Daniel Brinneman
PS. Most of this deals with Amateur Radio and Electronics.

A Future Solution to getting access to the "scanned" FT100(D) owners manual by way of a Compact Disc!!!
==========

Hey Mark and others,

I give up on email for these large files. I did not know that I could have lowered my resolution when I scanned them. Next time I do something like this I will try harder at making them smaller.

I am thinking of buying some large capacity CDs and burning them with the files, but making the winzip create a EXE file so that way it will automatically be loaded to your CPU.

I'll take donations for the cost of sending them out, but don't feel like you are cheating me if you can't provide a $1.00.

What does the group think about this?? Do you have any good-natured comments about how I should go about this?? This seems to be my only choice right now, as far as I understand the words typed by Yaesu on the back of your manuals, it means to me that I can copy it , but I can't recreated and print out the whole manual and sell it for my profit. I

consider that stealing someone else's idea.

And by the way, if we have anyone that works at the Yaesu department in Cerritos, CA, please tell me what you have to say that the company might say about this service I am providing to the FT-100(D) community of Amateur Radio Operators???

So far I am having success with just sending 4 separate zip for the Full manual, but I keep receiving back a MAILER-DAEMON (email distributer/router {?} ) from some people, until they empty their Online Web Email Inbox.

I also appreciate everyone helping me out in this, and offering to write PDF files for me. Also I still need help with the Auto Tune Circuit by way of your FT100 (D) Menu. I know I am 'burning a new path' but I enjoy challenges, that my mind can't fathom, but my hands are itching to touch an Integrated Circuit. If some of you know how to pick and use a digital probe (reads logical 0 and 1) and also a multimeter, I would appreciate some answers to my previous questions that you can find in the Archives. If you don't know what I am talking about, and would like to help.. I will send you my questions!!

This project is for your benefit (for me later in the future), primarly because you own the FT-100(D)!! If I can't get it from you, I will resort to calling/emailing Yaesu or holding off this project until I get my own FT-100D!!

Check out my beginnings at: http://www.geocities.com/kg4dni/ Go to the drop-down box and choose the "FT100 TUN" link.

Please tell me what you thought about my website. I am a people listener/watcher and I enjoy getting feedback from people I don't know, DO know, or might not be able to speak English too well. (NO OFFENSE) Also if you know French, I can read it and understand it. I grew up most of my life in Togo, West Africa. In a little town called, Kande. Look it up on the map, it is in the northern portion of Togo, between Ghana and Benin, and below the country of Burkino Faso, which I will be doing a National Profile for, in class tomorrow, in Interculteral Communications. (On the language issue; I plan to major in Spanish, during this coming Summer and Fall.)

One last thing. You might think that I am crazy for saying this. If I have the money, God willing, I plan to major in the following:: Electrical/Electronics; Electrical Engineering; French; Spanish; Aviation; Bible Seminary (for personal development); Accounting; Business Management; Computer Science; Programming; Aviation Mechanics; Communications/Wireless Technology. And maybe German...

I am currently 20 years old, and they say, "Get all your schooling out of the way, so that you will have a good job." I plan to do this, and try my hardest to do all of my homework and studies for tests.

If you want to know what I would like to do as a career in the future,
please email and ask me. I will provide a paragraph more of info.
Please give me your feedback.

Now, as I think say and think to myself. "GO OUT AND GET THEM!!"

Sincerely,

Daniel
KG4DNI
Email me direct at:: Ham_Tech@...
http://www.geocities.com/kg4dni

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[Non-text portions of this message have been removed]

# 12123. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-07 10:16:58 UTC
From: Ham_Tech@juno.com
Topic: 11997  Message: 12123

Thank you Pres,

for the word on payment to operators. I will keep that as I have kept
others.

Daniel

---
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# 12124. 2 CDs of great interest

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 01:45:02 UTC
From: Ham_Tech@juno.com
Topic: 12124  Message: 12124

Greetings to the group,

From reading this note to myself, would this interest you??? It has interested two people so far.
---
Hey to me!!

Take the FT100 PDF file, ATAS-100 Schematics, FC-20 Schematics scanned, Lee K0LEE's FAQ, and anything else that deals with the FT100(D); i.e. carrying packs, swr mods and installations from the yahoogroups files; and burn to CD #1.

Then search the internet for freeware programs to burn to CD, (put them in Zip format) and then compile links to shareware programs, that need to be paid for in a word document with screenshots of the programs, burn to CD #2.

If you have an idea of what you would like to see on the disks, or if you have a website that would fit in this category, or have some pics from your mobile installations......

----> FOR THIS MESSAGE ONLY: Please send your ideas, links, pics, or anything having to do with the FT100(D) to: KG4DNI@...

Thanks,

Daniel
kg4dni

# 12125. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 01:24:53 UTC
From: Ham_Tech@juno.com
Topic: 12085  Message: 12125

What does an FTP program accomplish??

Daniel
kg4dni

---
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# 12126. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 01:23:34 UTC
From: Ham_Tech@juno.com
Topic: 12035  Message: 12126

to the moderator, leave this message intact.

Hi there,

Do you normally ground your FT100 with a ground strap as you do with the screw on the back of the 706MK2G??

Daniel
kg4dni

On Thu, 07 Feb 2002 19:33:47 -0000 "wb4eje" <wb4eje@...> writes:
> Here's something that I found very interesting......
>
> When I had the FT-100 in my Ford F-150 the ignition noise was
> basically blanked out by the noise from the electric fuel pump. The
>
> noise blanker in the FT-100 is one of the best I have ever seen,
> however it was not very effective against the fuel pump noise
> because
> of the severe duty cycle. (ignition spark noise has a very short
> duration and is more easily blanked)
>
> Last night I installed the replacement for the FT-100 (VHF/UHF Final
>
> FET shorted) which is a IC-706MKIIG. I can't even hear the fuel
> pump! Same vehicle, same antennas, same coax cables, same outboard
> speaker, same power connection, the only difference is the radio. I
>
> hear ignition noise, but not the fuel pump.
>
> Makes me wonder if the fuel pump noise was coming into the FT-100
> via
> the power input rather than through the antenna?
>
> DE WB4EJE
>
>
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html

>
> We are all a part of this Lets make it as good as possible.
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# 12127. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 00:36:09 UTC
From: Ham_Tech@juno.com
Topic: 12085  Message: 12127

Hi guys,

When the PDF file is opened through the website, it has its own taskbar.
Look for the floppy disk symbol and click on it. A window will pop up
and ask you where you would like to save it on your HDD and with what
name.

Sincerely,

Luke
kg4dni
---
> But, how do I store it to my HDD?
>
> When I click on the link in the email, it OPENS but no option to
> download.
>
> IF there was a link tot he file on webpage I suppose I could
> right-click to
> download.
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>

---
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# 12128. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 00:44:06 UTC
From: Ham_Tech@juno.com
Topic: 12128  Message: 12128

Hi guys,

Would it be good to also include the schematics for the FT-100(D) Owner's Manual PDF??

Daniel
kg4dni

_____
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# 12129. Hum on 40m only

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 11:41:07 UTC
From: sp8fwb
Topic: 12129  Message: 12129

On 40m on transmit, the signal seems to sound like a 60 Hz hum. This is in all modes at any power level. I changed from power supply to a battery, and the problem is the same. I saw something similar in my IC-735 years ago when PLL for one band was getting weak, but that appeared on 0-8 MHz and in rx also. With FT-100, it occurs only when transmitting and only on 40m.
Any idea?
Ignacy
no9e@...

# 12130. Re: [FT100] FT-100 and MP-1

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 05:46:27 UTC
From: robert blumenkranz
Topic: 12054  Message: 12130

Is there an optional coil for the ATAS 100 for 80
mtrs? My FT100D will not even attempt to tune the ATAS
on 80 meters.
Bob Ni6r
--- John Spiceman <jrmorris28@...> wrote:
> I saw the MP-1 at HRO today. I don't see any reason
> why it wouldn't work, especially since it has a
> counterpoise. It sure is lite even with the tripod
> attached.
>
> Today I purchased the 80 mtr coil, sold extra, to
> play
> with on my ATAS100. It has over 200 turns on the
> coil.
>
> John - WB0RLD
> --- joates_48323 <joates@...> wrote:
> > Does anyone have any experience with the
> > Superantennas MP-1 using it
> > with an FT-100 or FT-100D?
> >
> > Joe - KB8BO
> >
> >
>
>
> _____
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# 12131. Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 05:55:03 UTC
From: John McClain
Topic: 12131  Message: 12131

I have noticed several messages concerning blown finals recently. What mode is being used when these finals are biting the dust? I spend a lot of time on 10m FM and I got to thinking that I might want to move to SSB and give my finals a rest.

John
K7SVV@...

[Non-text portions of this message have been removed]

# 12132. Desoldering the output coax from the filter board?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 07:39:33 UTC
From: france antelme
Topic: 12132  Message: 12132

Has anyone desoldered the HF/6m and VHF/UHF coax
cables from the filter board inside the radio?

I've desoldered the center conductor and am having
difficulty with the braid in the confined space. Don't
want to damage anything

I've made the Hi VSWR mods and want to look at the
grounding on the underside of the filter board.

Any suggestions?

-France K6QO-

_____
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# 12133. re : FT100 @ FT100D Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 09:57:54 UTC
From: vk3qi2001
Topic: 12133  Message: 12133

To the group

Does anyone know if there is an FT100 service manual available. If so, that would be an excellent document to make available in .pdf format.

Thanks to the originator of the owner manual .pdf file, I can now produce a mini-version of the relevant book (which has the most used information and functions) and keep it in the car glovebox, instead of my photocopied/reduced version.

Cheers

Peter VK3QI

# 12134. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 11:16:35 UTC
From: jeff w griffin
Topic: 12085  Message: 12134

Yours might of arrived in 52 seconds, mine took 58 minutes at 28kb here in the hotel room in Boston. I'm glad I didn't get it night before when I was in Cape Cod, how about 14kb? I will be out on the Island in Port Jeff on Friday afternoon. How about a test drive in one of those T-birds, Pres?

Thanks Daniel for digitizing the manual....

73 Jeff kb2m

> ( It also arrived in 52 seconds... all 5MB of it! Thank God for cable
> odem )

> Currently 2 NEW 2002 T-Birds in stock, $50k ea.

[Non-text portions of this message have been removed]

# 12135. Re: [FT100] FT100 manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:05:23 UTC
From: Pres Waterman
Topic: 11997  Message: 12135

> 
> for the word on payment to operators. I will keep that as I have kept
> others.

You are such a nice guy.

Are you going to the Dayton Hamvention ( http://www.hamvention.org ) this
Spring? It's HUGE and you would enjoy it. Anyway, I would like to meet you.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12136. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:03:50 UTC
From: Pres Waterman
Topic: 12085  Message: 12136

> tiff images. John also added a bunch of bookmarks to
> the .pdf file that allows one to navigate the file to
> find a particular topic.

Yes, they are terrific!

But, is there any chance it could be converted to ver 3 without losing
critical functionality?

I know it works on 4, and I shall try that, but someone mentioned 5 is a dog
"on 400MHz processors" which I presume means it needs even more.

One great use of this project is to have a mobile version of the manual,
indexed, for when traveling. I usually travel with a Libretto 50 which is a
Pentium 75..:(

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12137. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:10:46 UTC
From: Pres Waterman
Topic: 12085  Message: 12137

> What does an FTP program accomplish??

I'm afraid we are wandering so far off topic, but let's get this motivated young fellow up to speed, he has so much to offer, so enthusiastically!

FTP: File Transfer Protocol

Most often used to upload webpages

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12138. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:21:36 UTC
From: Pres Waterman
Topic: 12085  Message: 12138

in Cape Cod, how about 14kb? I will be out on the Island in Port
> Jeff on Friday afternoon. How about a test drive in one of those
> T-birds, Pres?

Shame! I will be flying back from Las Vegas on Friday! PJ is close

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12139. Re: [FT100] Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:42:18 UTC
From: Bob Cheek
Topic: 12131  Message: 12139

John,

My FT-100 smoked the VHF/UHF finals on a low power (25%) UHF QSO. The problem was traced to the final stage going into oscillation. The "SWR" mod most likely would have helped this problem as it beefs up the grounding. I would suggest that you perform the mod (listed elsewhere on this group) or have it done by Yaesu.

DE WB4EJE

--- John McClain <digi2@...> wrote:
> I have noticed several messages concerning blown
> finals recently. What mode is being used when these
> finals are biting the dust? I spend a lot of time
> on 10m FM and I got to thinking that I might want to
> move to SSB and give my finals a rest.
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 12140. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 14:55:35 UTC
From: Bob Cheek
Topic: 12035  Message: 12140

Both rigs were grounded the same.....through the coax
and the power return. No other ground. The FT-100
doesn't have ground lug, the IC-706 does, but it is
currently not connected. I plan to put a ground to a
body bolt this weekend and check for any difference in
noise.

When I have a minute I will try the FT-100 in there
and wind the power lead around a ferrite and see if
the noise it being conducted into the rig via the
power supply.

DE WB4EJE

--- Ham_Tech@... wrote:
> to the moderator, leave this message intact.
>
> Hi there,
>
> Do you normally ground your FT100 with a ground
> strap as you do with the
> screw on the back of the 706MK2G??
>
> Daniel
> kg4dni
>
> On Thu, 07 Feb 2002 19:33:47 -0000 "wb4eje"
> <wb4eje@...> writes:
> > Here's something that I found very
> interesting......
> >
> > When I had the FT-100 in my Ford F-150 the
> ignition noise was
> > basically blanked out by the noise from the
> electric fuel pump. The
> >
> > noise blanker in the FT-100 is one of the best I
> have ever seen,
> > however it was not very effective against the fuel
> pump noise
> > because
> > of the severe duty cycle. (ignition spark noise
> has a very short
> > duration and is more easily blanked)
> >
> > Last night I installed the replacement for the

> FT-100 (VHF/UHF Final
> >
> > FET shorted) which is a IC-706MKIIG. I can't
> even hear the fuel
> > pump! Same vehicle, same antennas, same coax
> cables, same outboard
> > speaker, same power connection, the only
> difference is the radio. I
> >
> > hear ignition noise, but not the fuel pump.
> >
> > Makes me wonder if the fuel pump noise was coming
> into the FT-100
> > via
> > the power input rather than through the antenna?
> >
> > DE WB4EJE
> >
> >
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# 12141. Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:14:19 UTC
From: russthom@attbi.com
Topic: 12141  Message: 12141

Prez Wrote:

>700,000 US hams
>70% active
>40% active mobile

You assume that all 40% of the mobilers are worried about ignition noise? Frankly, In my experience, the only people worried about ignition noise are HF types. FMers, like me, usually don't worry about ignition noise as FM is fairly immune from ignition noise. Those I know that have it usually can knock it out with a filter in the power line. This is not easily done with the HF rigs pulling 20 amps.

I think you'll find the HF mobiler percentage much less than 10%. at 10% of the active hams worried about ignition noise, that breaks down to 61 cars / car type. Not enough to make a manufacturer change design.

We are fast to say that interception of unwanted radio signals on TVs, etc is the fault of the receiver, yet, our receivers can't take spurious emissions either. Sounds hypocritical to me

DE KX5G

# 12142. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:17:44 UTC
From: David Kiwerski
Topic: 12087  Message: 12142

Could be just shop policy to at least check the alignment when a radio is in the shop - we do (but we don't charge $75). That should be a free service. If the factory is shipping the radios off freq., that's another story.

DaveK wp2aat

Mike May wrote:
>
> Just thought I'd ask but does anyone know why would a recently shipped
> radio need an alignment ? If adding the grounding straps really screws
> up the tuning then they really do have a design problem that should be
> covered by warranty. Maybe it's just a way to get some bucks for all of
> the warranty work ?
>
> Mike WB8VLC/7
>
> backhoefade wrote:
>
> > My understanding was that they will do it for free even if it's out
> > of warranty. You have to pay for an "alignment" which is about $75
> > plus return shipping but charge for them to correct the original
> > design problem. No one should have to pay for the "SWR" mod.
> > It's a basic design flaw, just like the fan issue at VHF. No
> > question about it.
> >
> > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > So has anyone out there actually done the swr mod
> > > themselves?, from what I understand Yaesu is charging
> > > about $160 bucks to get this done.
> >
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# 12143. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:21:38 UTC
From: David Kiwerski, Sen. Comm. Tech.
Topic: 12087  Message: 12143

How about the 100W Spectra with the W9 control head???

DaveK wp2aat

Mike May wrote:
>
> Chas,
>
> I wouldn't mind the next generation radios having a nice small control
> head like the FT100D but with a medium sized or even large sized trunk
> mount RF unit with some serious fins on it and some serious isolation
> between the stages AKA a Moto or GE land mobile radio, R ya listening
> Yaesu design engineers or marketing types ? I still have my 110 watt GE
> rangr with the frequency agile S990 head and it never slumps power even
> down in Phoenix in the trunk in the summer, of course it doesn't have
> all modes and all bands but the size was never a problem, I could even
> throw it under the seat in a rental and it still worked. Just think
> what Yaesu, Icom or Kwd could put in a trunk mount box the size of a GE
> Rangr or moto Syntor ? Oh well I guess I have to stop dreaming as it
> would never happen, they being the designers or maybe I should say the
> marketers would never listen to a customers suggestions would they ?
>
> Mike
>
> backhoefade wrote:
>
> > You figured it out. You could argue that they shouldn't charge to do
> >
> > the mods even after the 1 year warranty is expired. But on the other
> > hand they have to draw the line somewhere, otherwise they'd be
> > supporting radios for free 5 years after they're sold in some cases.
> >
> > I'm getting a little nervous hearing about all these final amp
> > failures at the 1 to 2 year old point. Mine is about 14 months old.
> > Between the reliability issue, the fan and spurious oscillation
> > design bugs and the lack of accurate and complete info in the manual
> > I will be taking a serious look at other rigs in the future. I may
> > unload this FT-100D at some point before it's final amp heads south.
> > Darn, I wish someone else had the equivalent performance without the
> > reliability issue. The 706 receiver just doesn't cut it for me,
> > especially for crowded CW operation. Plus the FT-100D noise blanker
> > is great and I like to monitor above 460 MHz - so the 706 is out.
> > The TS-2000 is a possibility but that's a larger package.
> >
> > I want the equivalent of an FT-1000MP inside an FT-100D box with long

> > term reliability akin to something the Navy Seals would feel
> > comfortable dragging all over the worst war theater on the planet!
> > Where is my radio!
> >
> > N6AF Chas
> >
> > --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > > Just thought I'd ask but does anyone know why would a recently
> > shipped
> > > radio need an alignment ? If adding the grounding straps really
> > screws
> > > up the tuning then they really do have a design problem that should
> > be
> > > covered by warranty. Maybe it's just a way to get some bucks for
> > all of
> > > the warranty work ?
> > >
> > >
> > > Mike WB8VLC/7
> > >
> > > backhoefade wrote:
> > >
> > > > My understanding was that they will do it for free even if it's
> > out
> > > > of warranty. You have to pay for an "alignment" which is about
> > $75
> > > > plus return shipping but charge for them to correct the original
> > > > design problem. No one should have to pay for the "SWR" mod.
> > > > It's a basic design flaw, just like the fan issue at VHF. No
> > > > question about it.
> > > >
> > > > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > > > So has anyone out there actually done the swr mod
> > > > > themselves?, from what I understand Yaesu is charging
> > > > > about $160 bucks to get this done.
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> > > > Unsubscribe: FT100-unsubscribe@y...
> > > > List owner: FT100-owner@y...
> > > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > > >
> > > > We are all a part of this Lets make it as good as possible.
> > > >

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# 12144. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 10:33:47 UTC
From: Ham_Tech@juno.com
Topic: 12144  Message: 12144

Hi guys,

I am having trouble sending message to:

kgb@...

daniel

_____
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# 12145. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 09:37:42 UTC
From: Ham_Tech@juno.com
Topic: 12145  Message: 12145

Hi Pres,

You mean these are the programs that are used off the internet to write
the webpages then upload them to the site via email???

Daniel

On Fri, 08 Feb 2002 09:10:46 -0500 Pres Waterman <presw@...>
writes:
>
>
> > What does an FTP program accomplish??
>
>
> I'm afraid we are wandering so far off topic, but let's get this
> motivated
> young fellow up to speed, he has so much to offer, so
> enthusiastically!
>
> FTP: File Transfer Protocol
>
> Most often used to upload webpages
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> Currently 2 NEW 2002 T-Birds in stock, $50k ea.
>

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# 12146. ATAS on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 10:02:40 UTC
From: Ham_Tech@juno.com
Topic: 12146  Message: 12146

Hi Bob,

It is my understanding that... It would do you no good to add an 80m coil, partially because by you choosing either ATAS-1 or ATAS-2 the radio has been configured at the manufactor's lab, for it to only transmit on the bands that the ATAS-100 can transmit on. But what I just thought of now, is that in the manual it mentions that the ATAS-100 could resonate on 17m or 30m, if tuned appropriately..

That makes me wonder about what the FT100(D) can actually tranmit on (bands); even if the ATAS-1 or -2 are selected?..

Daniel

On Thu, 7 Feb 2002 21:46:27 -0800 (PST) robert blumenkranz <radiobob300@...> writes:
> Is there an optional coil for the ATAS 100 for 80
> mtrs? My FT100D will not even attempt to tune the ATAS
> on 80 meters.
> Bob Ni6r
> -

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# 12147. Learn to solder easily with these tips!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 10:30:49 UTC
From: Ham_Tech@juno.com
Topic: 12147  Message: 12147

Hi,

Make sure that you have a variable soldering iron.

Adjust the temperature on the station (soldering iron holder also the power distributer) so that the tip will be hot just enough to melt the solder.

Make sure that you have tinned your soldering iron tip. This will allow quick heat transfer from the tip of the soldering iron to the solder on the board. If the heat is too high it might effect the life of the components around the coax connection point.

The way to tin your tip is to wrap solder wire around the tip while it is still cold. Just as if you are trying to wind an inductor over a pencil. Then turn the heat on, you want to adjust the power output of heat to about 250 - 350 Centrigrade; this should heat the soldertip to the point of melting the solder.

To apply maximum heat and not be on your board for a long time; which could possibly generate too much heat and burn the board; practice these tips:

Look at the tip.
--A large tip allows more heat to pass to the board. Larger than the O.D. (this is not abbrev. for overdose; it means Outside Diameter, and I.D. means Inside diameter)
--A medium tip about the size of the I.D. of a drinking straw, will give you the right amount of generated heat. This is recommended for this job.
--A small tip about the O.D. of a hot beverage stirring straw, can give you the least amount of heat for desoldering I.C. (Integrated Circuits). If you see that your IC sweated, then in my experience you have a dead chip.

Using the small tip, you see that most all tips have a point and an angles directed to that point. If you were to take the tip and using it as if you were going to write a letter, then you would burn a hole in the board, and only get the solder around the tip heated up. This way is only good if you do not want to pass much heat, but not good for a board that has a whole bunch of mini ICs on it.

The thing you want to do, (I will revert back to your Art classes. You know when you used to do shading on an object, to create a shadow, you would basically lay the pencil on its side and slide back and forth on the paper. If you wanted to draw a line, then you would use it as if you were to write.) is lay the tip flat; avoiding any other ICs. This will

transfer heat really quick, allowing you to pull the coax off at the same time.

MAKE SURE THAT YOU WEAR SAFETY GLASSES. AND THAT YOU ARE NOT TIRED WHEN DOING THIS PROJECT. AND THAT YOU HAVE ENOUGH HEAT.
ALSO MAKE SURE THAT YOU ARE NOT FULL OF STATIC, THIS CAN CAUSE DAMAGE TO SOME CHIPS.

I hope this has helped, you and the group.

Another source for learning to solder, which also has pictures, is found at : http://www.elecraft.com Look for the Soldering Tips link.

Daniel
kg4dni

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# 12148. Fw: anybody work hard FT100D with the air mail

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 16:50:46 UTC
From: c vafiadis
Topic: 12148  Message: 12148

hi all
i want to work with my ft100 and the air mail program
i realise that the connection with some stations is very difficult and put my rig in really hard work
i want to known if other try also the same and if FT100 survive.

SV1AWR 73S

[Non-text portions of this message have been removed]

# 12149. Re: [FT100] Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:25:29 UTC
From: Mike May
Topic: 12131  Message: 12149

Hi John,

mine bit the dust while in receive, I was not tasnsmitting at all but listening to the local PD on 154 MHz when I smelled something overheating'. I felt the side of the radio and it litteraly burnt my hand so I turned it off and headed for home. I got home and put the radio on the bench supply and found it drawing 12 amp in receive in all bands and modes under any condition. It wasn't stuck in transmit either as it was still receiving fine but just drawing 12 amps all of the time and that's when I suspected the VHF final. Sure enough it was shorted drains to gates. So I guess it's a toss up as to under what conditions it could happen.

Mike
WB8VLC/7
John McClain wrote:

> I have noticed several messages concerning blown finals recently.
> What mode is being used when these finals are biting the dust? I
> spend a lot of time on 10m FM and I got to thinking that I might want
> to move to SSB and give my finals a rest.
>
> John
> K7SVV@...
>
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# 12150. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:32:10 UTC
From: Paul Manuel
Topic: 12141  Message: 12150

--- russthom@... wrote:
> We are fast to say that interception of unwanted radio
> signals on TVs, etc is the fault of the receiver, yet,
> our receivers can't take spurious emissions either.
> Sounds hypocritical to me
>
You are confusing receivers picking up off-frequency signals (such as TVs that are overloaded by a nearby ham signal) with receivers picking up on-frequency signals (the mobile noise that is generated within the ham bands by the vehicles.)
Hams are required to keep their spurious signals below a certain level, and all rigs sold meet this spec. The "unwanted signals" from the vehicles are on frequency, and therefore are not the fault of the receiver, but should be eliminated at the source.
There is nothing hypocritical about it...we must keep our signals out of other bands, and ideally, other signals (such as RF noise) would stay out of our bands.
73,
Paul K4PDM

---
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# 12151. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:33:50 UTC
From: Mike May
Topic: 12087  Message: 12151

Dave

Don't mention the spectra, it makes my mouth water just thinking of having one. If only there was some frequency agile software for the spectras like there is for the S990 ge. Oh well wishfull thinking, just like imagining that somewhere out there exists a low band version of the spectra.

Mike

"David Kiwerski, Sen. Comm. Tech." wrote:

> 
> 
> How about the 100W Spectra with the W9 control head???
> 
> DaveK wp2aat
> 
> 
> 
> Mike May wrote:
> >
> > Chas,
> >
> > I wouldn't mind the next generation radios having a nice small
> control
> > head like the FT100D but with a medium sized or even large sized
> trunk
> > mount RF unit with some serious fins on it and some serious
> isolation
> > between the stages AKA a Moto or GE land mobile radio, R ya
> listening
> > Yaesu design engineers or marketing types ? I still have my 110
> watt GE
> > rangr with the frequency agile S990 head and it never slumps power
> even
> > down in Phoenix in the trunk in the summer, of course it doesn't
> have
> > all modes and all bands but the size was never a problem, I could
> even
> > throw it under the seat in a rental and it still worked. Just think
> 
> > what Yaesu, Icom or Kwd could put in a trunk mount box the size of a
> GE
> > Rangr or moto Syntor ? Oh well I guess I have to stop dreaming as
> it

> > would never happen, they being the designers or maybe I should say
> the
> > marketers would never listen to a customers suggestions would they ?
>
> >
> > Mike
> >
> > backhoefade wrote:
> >
> > > You figured it out. You could argue that they shouldn't charge
> to do
> > >
> > > the mods even after the 1 year warranty is expired. But on the
> other
> > > hand they have to draw the line somewhere, otherwise they'd be
> > > supporting radios for free 5 years after they're sold in some
> cases.
> > >
> > > I'm getting a little nervous hearing about all these final amp
> > > failures at the 1 to 2 year old point. Mine is about 14 months
> old.
> > > Between the reliability issue, the fan and spurious oscillation
> > > design bugs and the lack of accurate and complete info in the
> manual
> > > I will be taking a serious look at other rigs in the future. I
> may
> > > unload this FT-100D at some point before it's final amp heads
> south.
> > > Darn, I wish someone else had the equivalent performance without
> the
> > > reliability issue. The 706 receiver just doesn't cut it for me,
> > > especially for crowded CW operation. Plus the FT-100D noise
> blanker
> > > is great and I like to monitor above 460 MHz - so the 706 is out.
> > > The TS-2000 is a possibility but that's a larger package.
> > >
> > > I want the equivalent of an FT-1000MP inside an FT-100D box with
> long
> > > term reliability akin to something the Navy Seals would feel
> > > comfortable dragging all over the worst war theater on the planet!
>
> > > Where is my radio!
> > >
> > > N6AF Chas
> > >
> > > --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > > > Just thought I'd ask but does anyone know why would a recently
> > > shipped
> > > > radio need an alignment ? If adding the grounding straps really
>

> > > screws
> > > > up the tuning then they really do have a design problem that
> should
> > > be
> > > > covered by warranty. Maybe it's just a way to get some bucks for
> 
> > > all of
> > > > the warranty work ?
> > > >
> > > >
> > > > Mike WB8VLC/7
> > > >
> > > > backhoefade wrote:
> > > >
> > > > > My understanding was that they will do it for free even if
> it's
> > > out
> > > > > of warranty. You have to pay for an "alignment" which is
> about
> > > $75
> > > > > plus return shipping but charge for them to correct the
> original
> > > > > design problem. No one should have to pay for the "SWR" mod.
> > > > > It's a basic design flaw, just like the fan issue at VHF. No
> > > > > question about it.
> > > > >
> > > > > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > > > > So has anyone out there actually done the swr mod
> > > > > > themselves?, from what I understand Yaesu is charging
> > > > > > about $160 bucks to get this done.
> > > > >
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# 12152. Re: [FT100] Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 15:29:40 UTC
From: Mike May
Topic: 12131  Message: 12152

Bob, John

Mine has all of the SWR/ grounding/ fan mods but it still croaked and as I mentioned in an earlier post it happened in receive so go figure that one out. May have been a voltage spike or something so I now have a 15 volt transzorb surge supressor across the 13.8 volt line at the radio input connector and similar supressors on the bias line of each PA section.

Mike
WB8VLC/7

Bob Cheek wrote:

> John,
>
> My FT-100 smoked the VHF/UHF finals on a low power
> (25%) UHF QSO. The problem was traced to the final
> stage going into oscillation. The "SWR" mod most
> likely would have helped this problem as it beefs up
> the grounding. I would suggest that you perform the
> mod (listed elsewhere on this group) or have it done
> by Yaesu.
>
> DE WB4EJE
>
> --- John McClain <digi2@...> wrote:
> > I have noticed several messages concerning blown
> > finals recently. What mode is being used when these
> > finals are biting the dust? I spend a lot of time
> > on 10m FM and I got to thinking that I might want to
> > move to SSB and give my finals a rest.
> >
> > John
> > K7SVV@...
> >
> >
> > [Non-text portions of this message have been
> > removed]
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# 12153. Re: [FT100] [FT817] Re: Ignition noise

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 16:03:51 UTC
From: Pablo
Topic: 12035  Message: 12153

Hey Bob.....You can tell if the RFI is conducted by removing the antenna. If you still hear any or all of the RFI, then odds are it is conducted. You also might try removing the coax from the antenna to the transceiver as it sometimes will pick up RFI. Automobile RFI usually comes from multiple sources, as I am sure you are aware. If you do determine that you have conducted RFI, resolve it first, as it is usually the easiest RFI to cure with inline filters. Then see what RFI is left, search out the source with a "sniffer" and take care of it.....Good Luck, Paul KD5KCZ

> > even hear the fuel
> > > pump! Same vehicle, same antennas, same coax
> > cables, same outboard
> > > speaker, same power connection, the only
> > difference is the radio. I
> > >
> > > hear ignition noise, but not the fuel pump.
> > >
> > > Makes me wonder if the fuel pump noise was coming
> > into the FT-100
> > > via
> > > the power input rather than through the antenna?
> > >
> > > DE WB4EJE
> > >
> > >
> > >
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[Non-text portions of this message have been removed]

# 12154. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 18:33:18 UTC
From: David Kiwerski, Sen. Comm. Tech.
Topic: 12087  Message: 12154

Hi Mike,

On further checking, there was not a low-band Spectra, only VHF-HI and higher. The VHF did come in a remote mount 110W version. Vertex (Yaesu) has a low band version, 100W that we use - very reliable.

Dave wp2aat

Mike May wrote:
>
> Dave
>
> Don't mention the spectra, it makes my mouth water just thinking of
> having one. If only there was some frequency agile software for the
> spectras like there is for the S990 ge. Oh well wishfull thinking, just
> like imagining that somewhere out there exists a low band version of the
> spectra.
>
> Mike
>
> "David Kiwerski, Sen. Comm. Tech." wrote:
>
> >
> >
> > How about the 100W Spectra with the W9 control head???
> >
> > DaveK wp2aat
> >
> >
> >
> > Mike May wrote:
> > >
> > > Chas,
> > >
> > > I wouldn't mind the next generation radios having a nice small
> > control
> > > head like the FT100D but with a medium sized or even large sized
> > trunk
> > > mount RF unit with some serious fins on it and some serious
> > isolation
> > > between the stages AKA a Moto or GE land mobile radio, R ya
> > listening
> > > Yaesu design engineers or marketing types ? I still have my 110
> > watt GE
> > > rangr with the frequency agile S990 head and it never slumps power
> > even

> > > down in Phoenix in the trunk in the summer, of course it doesn't
> > have
> > > all modes and all bands but the size was never a problem, I could
> > even
> > > throw it under the seat in a rental and it still worked. Just think
> > >
> > > what Yaesu, Icom or Kwd could put in a trunk mount box the size of a
> > GE
> > > Rangr or moto Syntor ? Oh well I guess I have to stop dreaming as
> > it
> > > would never happen, they being the designers or maybe I should say
> > the
> > > marketers would never listen to a customers suggestions would they ?
> > >
> > > >
> > > Mike
> > > >
> > > backhoefade wrote:
> > > >
> > > > You figured it out. You could argue that they shouldn't charge
> > to do
> > > > >
> > > > the mods even after the 1 year warranty is expired. But on the
> > other
> > > > hand they have to draw the line somewhere, otherwise they'd be
> > > > supporting radios for free 5 years after they're sold in some
> > cases.
> > > > >
> > > > I'm getting a little nervous hearing about all these final amp
> > > > failures at the 1 to 2 year old point. Mine is about 14 months
> > old.
> > > > Between the reliability issue, the fan and spurious oscillation
> > > > design bugs and the lack of accurate and complete info in the
> > manual
> > > > I will be taking a serious look at other rigs in the future. I
> > may
> > > > unload this FT-100D at some point before it's final amp heads
> > south.
> > > > Darn, I wish someone else had the equivalent performance without
> > the
> > > > reliability issue. The 706 receiver just doesn't cut it for me,
> > > > especially for crowded CW operation. Plus the FT-100D noise
> > blanker
> > > > is great and I like to monitor above 460 MHz - so the 706 is out.
> > > > The TS-2000 is a possibility but that's a larger package.
> > > > >
> > > > I want the equivalent of an FT-1000MP inside an FT-100D box with
> > long
> > > > term reliability akin to something the Navy Seals would feel
> > > > comfortable dragging all over the worst war theater on the planet!

> >
> > > > Where is my radio!
> > > >
> > > > N6AF Chas
> > > >
> > > > --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > > > > Just thought I'd ask but does anyone know why would a recently
> > > > shipped
> > > > > radio need an alignment ? If adding the grounding straps really
> >
> > > > screws
> > > > > up the tuning then they really do have a design problem that
> > should
> > > > be
> > > > > covered by warranty. Maybe it's just a way to get some bucks for
> >
> > > > all of
> > > > > the warranty work ?
> > > > >
> > > > >
> > > > > Mike WB8VLC/7
> > > > >
> > > > > backhoefade wrote:
> > > > >
> > > > > > My understanding was that they will do it for free even if
> > it's
> > > > out
> > > > > > of warranty. You have to pay for an "alignment" which is
> > about
> > > > $75
> > > > > > plus return shipping but charge for them to correct the
> > original
> > > > > > design problem. No one should have to pay for the "SWR" mod.
> > > > > > It's a basic design flaw, just like the fan issue at VHF. No
> > > > > > question about it.
> > > > > >
> > > > > > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > > > > > So has anyone out there actually done the swr mod
> > > > > > > themselves?, from what I understand Yaesu is charging
> > > > > > > about $160 bucks to get this done.
> > > > > >
> > > > > >
> > > > > > > Yahoo! Groups Sponsor
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> > > > > >
> > > > > >
> > > > > > > Post message: FT100@y...
> > > > > > > Subscribe: FT100-subscribe@y...
> > > > > > > Unsubscribe: FT100-unsubscribe@y...

> > > > > > List owner: FT100-owner@y...
> > > > > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > > > > >
> > > > > > We are all a part of this Lets make it as good as possible.
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# 12155. Re: [FT100] Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 18:50:28 UTC
From: Bob Cheek
Topic: 12131  Message: 12155

Mike,

I didn't realize that yours went south while receiving! That really sucks! I listen much more than I transmit. When mine smoked it was probably on the second or third time I had ever used it on UHF, but at least I was transmitting!

Like you said in your other post, maybe a voltage spike took it out.

I was talking to my friends on the way home from a hamfest. I smelled something, you know, that very specific but hard to describe smell of electronics burning.....anyway, I noticed the HiSWR indicator and shut down the rig thinking my Larsen Dualbander had finally given up. I checked the antenna the next day and it was fine. Put the rig on the bench with a dummy load and Bird wattmeter. I noticed the power was all over the place. My Scanner monitoring the Sheriff Department was getting desensed by something at the same time. I hooked the frequency counter to the -20dB port on the dummy load and it was wandering between 200-300 Mhz. Then the final FET shorted.....

Probably need to add some feedback in the circuit when the new FET goes in too....

DE WB4EJE

--- Mike May <mike.may@...> wrote:
> Hi John,
>
> mine bit the dust while in receive, I was not
> tasnsmitting at all but
> listening to the local PD on 154 MHz when I smelled
> something
> overheating'. I felt the side of the radio and it
> litteraly burnt my
> hand so I turned it off and headed for home. I got
> home and put the
> radio on the bench supply and found it drawing 12
> amp in receive in all
> bands and modes under any condition. It wasn't
> stuck in transmit either
> as it was still receiving fine but just drawing 12

> amps all of the time
> and that's when I suspected the VHF final. Sure
> enough it was shorted
> drains to gates. So I guess it's a toss up as to
> under what conditions
> it could happen.
>
> Mike
> WB8VLC/7
> John McClain wrote:
>
> > I have noticed several messages concerning blown
> finals recently.
> > What mode is being used when these finals are
> biting the dust? I
> > spend a lot of time on 10m FM and I got to
> thinking that I might want
> > to move to SSB and give my finals a rest.
> >
> > John
> > K7SVV@...
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
> >
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>
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> removed]
>
>
>

---
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# 12156. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 21:19:47 UTC
From: Pres Waterman
Topic: 12141  Message: 12156

> FMers, like me, usually don't worry about ignition noise
> as FM is fairly immune from ignition noise.

Just because you can't hear it, doesn't mean you are immune. The inaudible ignition noise is S8... you don't think it is covering up weaker 6m/10m FM signals? Yes, it is; when the vehicle is shut off you hear stuff much better. The FT-100 NB is disabled in FM!

Those I
> know that have it usually can knock it out with a filter
> in the power line. This is not easily done with the HF
> rigs pulling 20 amps.

> We are fast to say that interception of unwanted radio
> signals on TVs, etc is the fault of the receiver, yet,
> our receivers can't take spurious emissions either.
> Sounds hypocritical to me

No, the problem is radiated. Signal. You can't escape it with power filters, grounding, whatever. It follows you as you drive. It's there at the frequencies you are receiving, not spurs.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12157. Re: Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 21:04:33 UTC
From: backhoefade
Topic: 12131  Message: 12157

I suggest that you never run over 50 Watts FM on 10 or 6 meters since the rig is thermally designed for 100 Watts PEP on a 50% duty cycle basis which is roughly 50 Watts average power.

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> I have noticed several messages concerning blown finals recently. What mode is being used when these finals are biting the dust? I spend a lot of time on 10m FM and I got to thinking that I might want to move to SSB and give my finals a rest.
>
> John
> K7SVV@A...
>
>
> [Non-text portions of this message have been removed]

# 12158. Re: [FT100] FT-100 Manual in single file PDF form

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 22:12:27 UTC
From: Pres Waterman
Topic: 12085  Message: 12158

THIS time I see a "save" icon on the left.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

Currently 2 NEW 2002 T-birds in stock $50k ea. TMV

# 12159. Fried Finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 21:42:34 UTC
From: Lee Boulineau
Topic: 12159  Message: 12159

Just a thought - would a small Peltier Junction mounted on the finals help - or maybe an exhaust blower - it seems to me that the solution is in getting heat pulled away from the finals board quickly. Maybe we should take a page out of the Computer Handbook and look at the way they cool the processors!

73 de N4MVL

Lee

_____
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# 12160. Re: [FT100] ATAS 100 HELP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 21:18:14 UTC
From: luiz lissoni
Topic: 12146  Message: 12160

Folks, I?ve been using an ATAS100 in my base stations without good reports, or better, sometimes it?s virtually impossible transmiting due to high SWR. Could you give some tips regarding radials, maybe, in order to get better results. Even in ny car (BLAZER) I can?t get good ones ! Tks --- Ham_Tech@... wrote: Hi Bob,

It is my understanding that... It would do you no good to add an 80m coil, partially because by you choosing either ATAS-1 or ATAS-2 the radio has been configured at the manufactor's lab, for it to only transmit on the bands that the ATAS-100 can transmit on. But what I just thought of now, is that in the manual it mentions that the ATAS-100 could resonate on 17m or 30m, if tuned appropriately..

That makes me wonder about what the FT100(D) can actually tranmit on (bands); even if the ATAS-1 or -2 are selected?..

Daniel

On Thu, 7 Feb 2002 21:46:27 -0800 (PST) robert blumenkranz writes:
> Is there an optional coil for the ATAS 100 for 80
> mtrs? My FT100D will not even attempt to tune the ATAS
> on 80 meters.
> Bob Ni6r
> -

_____
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# 12161. RE: [FT100] Re: Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 21:13:02 UTC
From: Saad Mahaini
Topic: 12131  Message: 12161

and less than 25W carrier if running AM

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Friday, February 08, 2002 3:05 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Those failing finals

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the rig is thermally designed for 100 Watts PEP on a 50% duty cycle
basis which is roughly 50 Watts average power.

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
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# 12162. Re: [FT100] Re: Mods installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 18:34:44 UTC
From: Mike May
Topic: 12087  Message: 12162

Dave,

I yes I knew that but I'm always wishing that maybe just maybe Moto.
made a low bander for some spcl govt. group, although I know it'll never
come to be I still need to check all of the spectras that I see at the
hamfests just in case.

Mike

"David Kiwerski, Sen. Comm. Tech." wrote:

> Hi Mike,
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> On further checking, there was not a low-band Spectra, only VHF-HI and
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> > > > Mike
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> > > > > I'm getting a little nervous hearing about all these final amp
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> > > long
> > > > > term reliability akin to something the Navy Seals would feel
> > > > > comfortable dragging all over the worst war theater on the
> planet!
> > >
> > > > > Where is my radio!
> > > > >
> > > > > N6AF Chas
> > > > >
> > > > > --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > > > > Just thought I'd ask but does anyone know why would a
> recently
> > > > > shipped
> > > > > radio need an alignment ? If adding the grounding straps

> really
> > >
> > > > > screws
> > > > > > up the tuning then they really do have a design problem that
>
> > > should
> > > > > be
> > > > > > covered by warranty. Maybe it's just a way to get some bucks
> for
> > > >
> > > > > all of
> > > > > > the warranty work ?
> > > > > > >
> > > > > > >
> > > > > > Mike WB8VLC/7
> > > > > > >
> > > > > > backhoefade wrote:
> > > > > > >
> > > > > > > My understanding was that they will do it for free even
> if
> > > it's
> > > > > out
> > > > > > > of warranty. You have to pay for an "alignment" which is
> > > about
> > > > > $75
> > > > > > > plus return shipping but charge for them to correct the
> > > original
> > > > > > > design problem. No one should have to pay for the "SWR"
> mod.
> > > > > > > It's a basic design flaw, just like the fan issue at VHF.
> No
> > > > > > > question about it.
> > > > > > > >
> > > > > > > --- In FT100@y..., "k sirois" <divemaster@c...> wrote:
> > > > > > > > So has anyone out there actually done the swr mod
> > > > > > > > themselves?, from what I understand Yaesu is charging
> > > > > > > > about $160 bucks to get this done.
> > > > > > > >
> > > > > > > >
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> > > > > > >
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> > > > > > > > Unsubscribe: FT100-unsubscribe@y...
> > > > > > > > List owner: FT100-owner@y...
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> > > > > > > >

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# 12163. Re: [FT100] ATAS 100 HELP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 22:23:19 UTC
From: HENRY VAN MAURIK
Topic: 12146  Message: 12163

you must have the ground plane kit otherwise forget it. you can get it from the dealer. aournd 79.00 ----- Original Message ----- From: "luiz lissoni" To: Sent: Friday, February 08, 2002 4:18 PM Subject: Re: [FT100] ATAS 100 HELP > Folks, > > I´ve been using an ATAS100 in my base stations without > good reports, or better, sometimes it´s virtually > impossible transmiting due to high SWR. Could you give > some tips regarding radials, maybe, in order to get > better results. > > Even in ny car (BLAZER) I can´t get good ones ! > > Tks > --- Ham_Tech@... wrote: > > > > > > > Hi Bob,
>
> It is my understanding that... It would do you > no good to add an 80m
> coil, partially because by you choosing either > ATAS-1 or ATAS-2 the
> radio has been configured at the manufactor's > lab, for it to only
> transmit on the bands that the ATAS-100 can transmit > on. But what I
> just thought of now, is that in the manual it > mentions that the ATAS-100
> could resonate on 17m or 30m, if tuned > appropriately..
>
> That makes me wonder about what the FT100(D) can > actually tranmit on
> (bands); even if the ATAS-1 or -2 are selected?..
>
>
> Daniel
>
> On Thu, 7 Feb 2002 21:46:27 -0800 (PST) robert > blumenkranz
> writes:
> > Is there an optional coil for the ATAS 100 for > 80
> > mtrs? My FT100D will not even attempt to tune the > ATAS
> > on 80 meters.
> > Bob Ni6r
> > -
> _____
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alt="" width="300" height="250" > border="0">
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# 12164. Re: [FT100] Fried Finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-08 22:45:04 UTC
From: Mike May
Topic: 12164  Message: 12164

Probably not since mine has the fan mods and stays very cool in rx and my finals died when I was in rx. Here is the schenario, the car was sitting in the parking lot for 8 hours at about 50 F so no heat problems, I got in the car and started the engine and headed home from work and turned the radio on and monitored the local PD in VHF high band. About 5 minutes into the drive home I smelt burning silicon and the radio was still receiving fine. I felt the side of the radio and it burnt my hand so I turned it off and headed home. Put it on the bench and rx worked fine sensitivity was great all bands only problem was it was drawing a constant 12 amps no matter what band or mode so heat doesn't seem to be a problem in my case and the V/U power out was zero watts. I am thinking a voltage surge of some type so it looks like the 13.8 volt line may need some type of transzorb surge suppressor, mine has it now.

Mike

Lee Boulineau wrote:

> Just a thought - would a small Peltier Junction
> mounted on the finals help - or maybe an exhaust
> blower - it seems to me that the solution is in
> getting heat pulled away from the finals board
> quickly. Maybe we should take a page out of the
> Computer Handbook and look at the way they cool the
> processors!
>
> 73 de N4MVL
>
> Lee
>
> _____
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# 12165. Repair Estimate

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 03:16:46 UTC
From: k5unm
Topic: 12165  Message: 12165

Well finally heard from YAESU on my FT100 (second time for same failure mode) total bill is $355.41(USD) which reflects $255.00 for the output V/U module and the rest labor and shipping. Which means for what it is worth 1 hour of tech time 75.00 and 10.00 in shipping leaving 15.00 for chip capacitors. Plus all modifications to get it to latest configuration was free. Guess I'll pay the tab and keep on trucking since no other radio out there is as small and usefull as the FT100 with either the ATAS100 or HighSierra HS1500.

# 12166. Re: [FT100] Those failing finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 05:16:13 UTC
From: gerald.kopstein@us.ul.com
Topic: 12131  Message: 12166

And mine did the same thing on receive. I reported that on this forum a year or so back. My unit was only about 3 weeks old when it caught fire in the receive mode!!! Yaesu tried to say there was something wrong with my power supply or other. No admittance of any internal problem with oscillation or other. They did replace the final amplifier board I believe which has the finals.

Jerry Kopstein N9AC

Mike May
<mike.may@wulf To: FT100@yahoogroups.com
sberg.com> cc:
Subject: Re: [FT100] Those failing finals
02/08/02 07:25
AM
Please respond
to FT100

Hi John,

mine bit the dust while in receive, I was not tasnsmitting at all but listening to the local PD on 154 MHz when I smelled something overheating'. I felt the side of the radio and it litteraly burnt my hand so I turned it off and headed for home. I got home and put the radio on the bench supply and found it drawing 12 amp in receive in all bands and modes under any condition. It wasn't stuck in transmit either as it was still receiving fine but just drawing 12 amps all of the time and that's when I suspected the VHF final. Sure enough it was shorted drains to gates. So I guess it's a toss up as to under what conditions it could happen.

Mike
WB8VLC/7
John McClain wrote:

> I have noticed several messages concerning blown finals recently.
> What mode is being used when these finals are biting the dust? I
> spend a lot of time on 10m FM and I got to thinking that I might want
> to move to SSB and give my finals a rest.
>
> John
> K7SVV@...
>
>
> [Non-text portions of this message have been removed]
>

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# 12167. Re: [FT100] Repair Estimate

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 03:50:00 UTC
From: Bob Cheek
Topic: 12165  Message: 12167

I wonder why they quoted me $505 for exactly the same
repair???? The VHF/UHF final and some chip caps.

--- k5unm <k5unm@...> wrote:
> Well finally heard from YAESU on my FT100 (second
> time for same
> failure mode) total bill is $355.41(USD) which
> reflects $255.00 for
> the output V/U module and the rest labor and
> shipping. Which means
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> HS1500.
>
>

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# 12168. Re: [FT100] FT-100/ATAS-100 repair/mobile install - still hi SWR on 6m/10m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 04:23:36 UTC
From: robert blumenkranz
Topic: 12048  Message: 12168

Try to get another ham with an ATAS that works well on
10 and 6 to screw into your mount and see if you have
the same problems. There can be some problems with the
ATAS that can cause swr dips to be passed over when
resonating with commands from the radio. To verify the
performance of your ground you can use an MFJ SWR
analyzer and set your antenna to minimum length and
see if you get a good dip on the swr around 50 mhz.
The ground needs to be right at the base of the
antenna. A copper strap may not be a good ground. You
can also try moving the ATAS to another grounded
surface to test it out.
Bob Ni6r
--- "P. J. Kerrigan" <pjk@...> wrote:
> Hello,
>
> I've attempted over the past year to get a good
> mobile install of an
> FT-100/ATAS-100 in my Volvo 850. I spent a great
> deal of effort to get good
> power and ground to the radio (directly to the
> battery), making sure the
> antenna had a good ground (3/8 copper strap from the
> mount to the body).
> I'm using a Diamond K400 trunk lip mount. I've also
> tried monoband 3/8"
> antennas, also with a trunk lip mount. I'm using a
> separation kit with the
> radio mounted in the trunk.
>
> I've never gotten the ATAS 100 to tune well on 6m or
> 10m. I've tried the
> loop balun with the feed line, putting in extra
> coax, putting toroids in all
> the power and control lines.
> I sent the radio back to Cerritos for an update...
> it took 10 weeks and a
> $75 alignment fee. I got the radio back a few days
> ago, and ... you guessed
> it, the same problems.
>
> So, I'm thinking that I've got this: Either
> parasitics are detuning the
> antenna, the power to the radio is out of spec (too

> low), the ground is not
> good at RF.
>
> I have to admit, hearing the horror stories people
> have with this radio
> discourage me. I've been a big Yaesu fan for years,
> own 3 other radios.
>
> Any Elmer's in the Bay Area who want to swap
> debugging this install in
> exchange for professional grade
> software/network/electronics help? Or a
> bottle of high-end wine?
>
>
>

---
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# 12169. FT-100 setup in my Jeep Grand .

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 13:55:03 UTC
From: Albert Furlow
Topic: 12169  Message: 12169

Hello all,
I have mounted my FT-100 in the back, with the fans facing up, because the fans suck air out, why not help the natural flow. This also helps me to get to the plugs, and use PKS31 while parked some where.
The radio is mounted in a metal framed box, with wood covering the openings. This covers it from the sun, heat, and bad guys. It is not air tight at all. There are several large opening on the sides to let air in. Right next to it I have my FT-8100. I have did the mods, all two of them and it works great, no heat or swr, just pure magic. I am going to try to post some pics today.
On the ground subject, the box is screwed in to the truck in four places, and the FT-100/FT-8100 are them strapped strait to the box, and to the contact points of the truck. My DK3z antenna has three points of ground also. Hope this helps someone.

KA1FFO

[Non-text portions of this message have been removed]

# 12170. Re: [FT100] Digest Number 1099

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 21:48:48 UTC
From: Dan K Nelson
Topic: 12170  Message: 12170

Message: 8
Date: Fri, 08 Feb 2002 16:19:47 -0500
From: Pres Waterman <presw@...>
Subject: Re: Active Mobilers

>> FMers, like me, usually don't worry about ignition noise
>> as FM is fairly immune from ignition noise.

>Just because you can't hear it, doesn't mean you are immune. The inaudible
>ignition noise is S8... you don't think it is covering up weaker 6m/10m FM
>signals? Yes, it is; when the vehicle is shut off you hear stuff much
>better. The FT-100 NB is disabled in FM!

I agree. I spoke to a Tech at Yaesu Cerritos about this issue and his position was that you don't need a noise blanker on FM because you can't hear the noise. I took him out to my car and had him listen to a local 2 meter simplex QSO from an HT to the control operator at W6RO.

While we were listening, a delivery truck pulled into the parking lot and the HT side of the QSO (which was about an S-6 with my motor off) disappeared due to the S-9 ignition noise from the delivery truck that was stopped about 15 feet from my vehicle.

I said "Hey, you're right, I can't hear the noise, but what about the QSO I was listening to?" He had a funny look on his face as he went back inside, without ever admitting there was a problem. Fortunately for me, I rarely use FM and the SSB side of the rig works FB... so I guess that if I had to say there was a flaw with the rig, this would be it.

But other than this design shortcoming, the rig has been a super radio. I have the original non-D model and it has worked perfectly for the last 2 years it has been in my Chevy Blazer. And to this day, I am still amazed at how well the ATAS antenna works considering it's small size.

73 de W6DKN

# 12171. Re: [FT100] ATAS 100 HELP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 18:34:59 UTC
From: luiz lissoni
Topic: 12146  Message: 12171

Tks. In fact I have the kit, but I believe that that one olly fits for VHF/UHF, isn't it ? 73 --- HENRY VAN MAURIK wrote: you must have the ground plane kit otherwise forget it. you can get it from the dealer. aournd 79.00
----- Original Message -----
From: "luiz lissoni"
To:
Sent: Friday, February 08, 2002 4:18 PM
Subject: Re: [FT100] ATAS 100 HELP

> Folks,
>
> I?ve been using an ATAS100 in my base stations without
> good reports, or better, sometimes it?s virtually
> impossible transmiting due to high SWR. Could you give
> some tips regarding radials, maybe, in order to get
> better results.
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> Even in ny car (BLAZER) I can?t get good ones !
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> Tks
> --- Ham_Tech@... wrote:
>
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>
> Hi Bob,

>

> It is my understanding that... It would do you
> no good to add an 80m

> coil, partially because by you choosing either
> ATAS-1 or ATAS-2 the

> radio has been configured at the manufactor's
> lab, for it to only

> transmit on the bands that the ATAS-100 can transmit
> on. But what I

> just thought of now, is that in the manual it
> mentions that the ATAS-100

> could resonate on 17m or 30m, if tuned
> appropriately..

>

> That makes me wonder about what the FT100(D) can
> actually tranmit on

> (bands); even if the ATAS-1 or -2 are selected?..

>

>

> Daniel

>

> On Thu, 7 Feb 2002 21:46:27 -0800 (PST) robert
> blumenkranz

> <radiobob300@...> writes:

> > Is there an optional coil for the ATAS 100 for
> 80

> > mtrs? My FT100D will not even attempt to tune the
> ATAS

> > on 80 meters.

> > Bob Ni6r

> > -

> _____

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# 12172. Re: [FT100] ATAS 100 HELP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 19:26:15 UTC
From: lhlousek
Topic: 12146  Message: 12172

I've tried my ATAS in my shack and it was FB 40 thru 2 meters. I use 2 or 3 radials made from ribbon cable. Each ribbon cable radial has a wire cut to 1/4 wave for each band I intend to use. The radials work on odd harmonics so the 40 meter radial is good for 15 meters too. Each of the ribbon cable wires is separated from the others wires for the last 1/2 of its length. The radials are strung out around the house. You can zig-zag them and bend them around but it is best to keep the ends of the radials as far as possible from the antenna. (When storing them, wind them in a figure eight over your outstretched thumb and pinky starting from the common end and they won't get tangled.)

I also put a choke balun on the feedline at the antenna so that the feedline and rig don't act like a radial. This prevents RF on the rig.

This same setup works with the MP-1, HamSticks, etc.

As far as the ATAS on a vehicle. The base needs to be electrically connected as directly as possible to the metal surrounding the antenna. If the antenna mounted on a lip mount that means the door or hood and the fender all need to be connected together with short low impedance connections. If it's bumper mounted, you may need to connect the bumper to the sheetmetal of the car with short low impedance straps as close as possible to where the antenna is mounted. Some people have had good results adding 1/4 wave counterpoises zig-zagged under the vehicle for the lower bands (40, 30 and maybe 20 meters).

Lou W7DZN

----- Original Message -----
From: "luiz lissoni"

> Folks,
>
> I?ve been using an ATAS100 in my base stations without
> good reports, or better, sometimes it?s virtually
> impossible transmiting due to high SWR. Could you give
> some tips regarding radials, maybe, in order to get
> better results.
>
> Even in ny car (BLAZER) I can?t get good ones !
>
> Tks
> --- Ham_Tech@... wrote:
>

# 12173. Re: [FT100] ATAS 100 HELP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 18:38:06 UTC
From: luiz lissoni
Topic: 12146  Message: 12173

I believe that kit is designed fot high frequencies, isn't it ? 73 --- HENRY VAN MAURIK wrote: you must have the ground plane kit otherwise forget it. you can get it from the dealer. aournd 79.00
----- Original Message -----
From: "luiz lissoni"
To:
Sent: Friday, February 08, 2002 4:18 PM
Subject: Re: [FT100] ATAS 100 HELP

> Folks,
>
> I?ve been using an ATAS100 in my base stations without
> good reports, or better, sometimes it?s virtually
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> Hi Bob,

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> It is my understanding that... It would do you
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> coil, partially because by you choosing either
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> radio has been configured at the manufactor's
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> transmit on the bands that the ATAS-100 can transmit
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> just thought of now, is that in the manual it
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> appropriately..

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> That makes me wonder about what the FT100(D) can
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> (bands); even if the ATAS-1 or -2 are selected?..

>

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> Daniel

>

> On Thu, 7 Feb 2002 21:46:27 -0800 (PST) robert
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> > on 80 meters.

> > Bob Ni6r

> > -

> _____

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# 12174. Re: [FT100] Digest Number 1099

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 01:40:52 UTC
From: w2odc
Topic: 12170  Message: 12174

==========

Yes, FM is not immune from noise in the channel. The amount of 'capture' is a direct function of the ratio of the RF signal bandwidth to the audio bandwidth. Recall that broadcast FM uses a deviation of 75 kHz, but for VHF/UHF 2-way we use 5 kHz deviation. There is not that much "improvement". Commercially, for example, on "low band" (e.g. 6-meters) the MSTR-II GE rigs used an optional noise blanker to improve weak signal reception, but that is not at all common. "Low Band" is the area of the spectrum where unfiltered raw ignition noise is the strongest. Automotive practice is to sufficiently filter the Broadcast FM band so that with their 75 kHz deviation the noise is not obvious to most customers. Ditto for the AM broadcast band.

There are the other sources of "noise", principally the fuel pumps. One of the most irritating spurious "noises" that I have had was in an Audi with a clock that blanked out the local repeater on 146.820 MHz. I understand that its proletariat brother, the VW, had a similar problem. And then there was the one commercial 2-way customer that came in with a brand new GM truck whose computer radiated a huge signal right on the frequency he used in his business. He turned it in and bought a Ford.

The automotive engineers know how make noises in a vehicle imperceptible down through the HF spectrum, but the customers have not made any noises that management has heard. Those words I heard having dinner one day in Washington with the head of "EMC" (Electromagnetic Compatibility) for one of the big-3. 'Pres' is so right.

I don't know the full extent of the other side of the coin: radiation into the car's workings. The first serious situation of which I was aware was a Lincoln that would apply its brakes "randomly". The customer identified the problem by happening to see an adjacent taxicab driver lift his mike and when he pressed the mike button the Lincoln went into braking. [Yes, Lincoln fixed that problem promptly]. Interestingly, the customer went after GE on that one, originally. About 1960's or so I took out one of the lab fleet new Dodge cars for a trip up the Thruway. I stuck my 10-watt Drake 2-meter rig in the cigarette lighter "outlet", and had a fine Larsen 5/8ths magmount on the roof. Every time I pressed the mike button, I would drop out of Cruise Control. And then the Cruise Control no longer worked. A Dodge service manager I was chatting with after that said if I was lucky, the fuse blew, but sometimes it did not and blew the solid state drivers for the cruise control.

Recall that Federal DOT backed off on mandatory ABS for over the road trucks? Unknown random failures bugged them. The problem was found to be RF from nearby FM stations.

73
Howard.....w2odc
==========
----- Original Message -----
From: "Dan K Nelson" <w6dkn@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, February 09, 2002 4:48 PM
Subject: Re: [FT100] Digest Number 1099

> Message: 8
> Date: Fri, 08 Feb 2002 16:19:47 -0500
> From: Pres Waterman <presw@...>
> Subject: Re: Active Mobilers
>
> >> FMers, like me, usually don't worry about ignition noise
> >> as FM is fairly immune from ignition noise.
>
> >Just because you can't hear it, doesn't mean you are immune. The
inaudible
> >ignition noise is S8... you don't think it is covering up weaker 6m/10m
FM
> >signals? Yes, it is; when the vehicle is shut off you hear stuff much
> >better. The FT-100 NB is disabled in FM!
>
> I agree. I spoke to a Tech at Yaesu Cerritos about this issue and his
position was that you don't need a noise blanker on FM because you can't
hear the noise. I took him out to my car and had him listen to a local 2
meter simplex QSO from an HT to the control operator at W6RO.
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> While we were listening, a delivery truck pulled into the parking lot and
the HT side of the QSO (which was about an S-6 with my motor off)
disappeared due to the S-9 ignition noise from the delivery truck that was
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> I said "Hey, you're right, I can't hear the noise, but what about the QSO
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inside, without ever admitting there was a problem. Fortunately for me, I
rarely use FM and the SSB side of the rig works FB... so I guess that if I
had to say there was a flaw with the rig, this would be it.
>
> But other than this design shortcoming, the rig has been a super radio. I
have the original non-D model and it has worked perfectly for the last 2
years it has been in my Chevy Blazer. And to this day, I am still amazed at
how well the ATAS antenna works considering it's small size.
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# 12175. Adapting the Radio Shack FIVE DOLLAR Simplex Repater to mobile use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 01:53:18 UTC
From: Pres Waterman
Topic: 12175  Message: 12175

Step-by-step modification instructions for the Radio Shack 19-345 simplex repeater
for use with the FT-100/FT-90 which have discrete ( and multiplexed ) PTT lines

UNHAPPY DEVELOPMENT: The FT-100 does not work well, I think in "beta 3" I will try an optoisolator for PTT

BUT the FT90 works well and I am going skiing with it tomorrow!

Caution: this project involves Surface Mount Devices, and soldering tiny wires directly to them at the point where they meet the PCB. Please do not contact me for advice beyond what is given here. These steps worked for me. There are NO schematics and no pictures of my project available. Just use these steps and make it up as you go along! I did...

Intro: The Radio Shack simplex repeater, currently closeout/blow-out priced at USD$4.97, is a dandy deal. It is used to hook up to an HT whose mic input also causes PTT ( transmit ). Why would you want one, you say? Well, besides boosting range between handhelds without using a "real" repeater there's propagation/antenna testing, audio checks, and in general goofing around. But it would be nice to use it with a higher power mobile such as the FT-90 or FT-100, or a base rig. But, alas, the mobiles and bases typically use a contact closure to ground separately from the mic line. Here's where the mod comes in. Try to score several of these little dandies to screw up your first one and have 2 spares!

( receive signal valid is internal VOX in the repeater so it's quite simple to use )

Items needed:
19-345 repeater ( Did I mention it's only FIVE BUCKS? )
6-pin modular RJ-12 plug with all 6 wires present and a cable
a single wire with mini-phone 1/8" or 3.5mm mono plug ( must be skinny enough to fit into the speaker socket on the FT-90 which is recessed )
a nice option: two color, 3 lead red/green lead with common ANODE and a 470ohm resistor
100kohm resistor for PTT pull-up
1kohm trimpot for audio control to radio

1) remove the repeater from the case- there is a hidden screw under the sticker on top! Also one attaching the PCB.

2) remove the battery contacts after noting +/- on the PCB with a permanent marker- discard them

3) BONUS STEP: remove the green LED which only indicates receive signal present. Replace it with a 3-LEAD 2-color LED, with green hooked up as before. I used Radio Shack 276-207 Bi-Color LED which is kick-butt bright and big. When you have put in the new LED you will have an unconnected wire for the red element. Hook that through a 470ohm resistor via a flexible wire ( like ribbon cable stuff ) to the middle contact of the tiny three-lead SMT transistor marked 433 which is by the stereo mini socket. That is, by the way, the PTT output and we will be hooking to it later. The LED will be left on the unpopulated side of the board. Or you may want to flip it. The "red" lead connects via a 470ohm which runs across the board, through the hole between the 2 jacks, and over to the SMT transistor, so a spaghetti tube is called for. Also, insulate the connection between the "red" lead and the resistor, because if that point shorts to ground you will bypass a current limiting resistor and harm ( at least ) the LED.

4) Get a 6 conductor cable with RJ-12 ( NOT RJ-11 ) fully populated modular plug. Looks exactly like a phone cord, but 6 pins, not 4. Get to know the colors. Looking into the body of the plug, as if you were about to plug it into the jack, left to right with the latch down:

pin 6: PTT ( and ACC and UP and DOWN )
pin 5: Mic audio in
pin 4: Ground
pin 3: +9v
pin 2: ignore ( packet audio out on the FT-90 ) ( shame it's not squelched-would eliminate the speaker lead )
pin 1: other switches we don't need, ignore

So, we are interested in four of these, plus a connection to the speaker socket. Remember the colors for each.

IF you decide to hack up the very long mic extension cable for the FT-100 separation kit, and you feel you CAN reattach a new RJ-12 plug to the cable, the colors are: shield=ground; black <yup!>=+9v; yellow=PTT; white=mic to radio

To tell the truth, I found the wire inside that cable to be between difficult to impossible to solder, I would try other stuff. My prototype used CAT5 network cable but it's rather stiff.

5) Run the 2 cables ( mic and a single wire for speaker ) through a PCB hole and secure them, using plastic wire wraps or whatever else method makes sense to you

6) connect the speaker lead by tack-soldering to the stereo submini socket on the PCB at the outermost contact not counting the ground connection. Beep it out with the original cable if not sure.

7) connect +9v and the ground braid to the areas where the battery contacts were. At this point, plug it in and check for a flash of green when plugged, and that opening the squelch triggers the green LED.

8) Connect the mic lead to ( watch carefully the description ) the tiny SMT resistor by the stereo socket, that has continuity to the original "Y" cable's submini 2.5mm or 3/32" tip when the "Y" cable is plugged in. Oh Jeez, read that twice. You are trying to connect to the same place the "Y" cable was connected to, except on the board.

8A) Unlike FT100, FT90 users have no mic gain menu. The output of this simplex repeater is HOT even when the input is set right. There's a lot of hiss due to excessive mic sensitivity also. So I also tack soldered a 1k-ohm trimpot glued to the PCB. One leg to ground, the opposite lead TO the radio, the middle to the simplex repeater output as mentioned in 8)

9) PTT goes to the point mentioned in "bonus' step 3. ALSO a 100k-ohm pull up resistor MUST go to +5v. I got it from the center anode lead of the LED.

Adjustment steps:

A) After plugging in the speaker, plug in the cord to the radio. Observe the green light flash and the red light glow. For some reason, the red LED glows medium strength in standby, plus green in RX, and bright red in TX. I don't know why, but I like it!

B) volume down, carrier mode, squelch open, advance the volume just until the green receive light glows, then close the squelch.

C) Speak and hear yourself repeated, low and hissy. Advance the volume until you are robust, or until no further volume increase is noted, and then back off.

D) open the squelch and record up to 30 seconds of white noise. Bring down the mic gain in FT-100 menu or the 1k-ohm pot on the FT90 until it begins to "back off". At this point you should sound full but not overdriven, without hiss in the background. I actually have it sounding pretty darn good.

E) play with various volume and mic gain scenarios.

FT90 bug: since the PTT is multiplexed with the "ACC" and UP and DN buttons, sometimes, despite the pull-up resistor, the radio switches between the 2 "home" channels as you are plugging it in. I suggest you use the UHF or VHF "home" channel and if it toggles them keep plugging it in until it settles on the intended band. Sorry, this is beta testing and I haven't knocked this. The 100k SHOULD have solved it by holding the PTT line at 5v until PTT is called for.

Simplex repeater characteristic: it is rated to notice signal within 2 seconds. Typically it is faster. IF you have the volume just high enough it will probably open right away. But you and your users might have to "Aaaaaaah" before talking, or wait, and you will quickly get used to what is necessary, especially since you have instant feedback!

You do not need coordination for this operation. Just be sensible. Don't set up on a high hill in carrier on the national calling frequency. BTW: I highly recommend you use tone squelch or even DCS... and you CAN use a "repeater pair" on the simplex repeater radio... that way users don't hear

each other as they speak before they are repeated. Only themselves repeated. With a cool little beep when they are done! ( 30 seconds capacity BTW ). Identify the repeater as it is a separate transmitter ( like "This is W2PW on W2PW repeater"... and only one of you have to do it. Maintain control: local, wireline, 222+MHz link, you know the drill.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12176. new mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 02:22:32 UTC
From: Pres Waterman
Topic: 12176  Message: 12176

Here's a new one on me...

Today, after weeks of successful mobile operation, I noticed the radio would fail to TX on 40m even though it found a good SWR. The display would blink, flash, say "ERR", stuff like that. After checking the obvious loose grounds ( the car had just been washed too ) I decided to take the radio inside and check to see that the SWR mods, if done ( couldn't recall ) were still tight.

Imagine my surprise when I opened the radio, found a tiny strap screwed to the frame all nice and tight, but also copper tape applied to both top and bottom covers! Along the back edges, along the middle, and some tiny bits on the little flaps that hold the cover down in front! Very purposefully placed, just taped there, connected to nothing.

Also I noticed a lot of black blobs ( ferrite chokes??? ) encased in a felt tape wrapped around various coaxes, and even the CAT pigtail.

The only thing I know is the radio was sent in a few months back for a Customer Pay repair and we asked them to check for updates too.

Pres Waterman, W2PW
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# 12177. Mods f om the factory

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 02:38:51 UTC
From: joates_48323
Topic: 12177  Message: 12177

I just got my FT-100D back from Vertex and in addition to the
Thermal Guard OHD3-40M, There was also an AM_Repairs.

Anyone know what the AM_Repairs is for?

de Joe KB8BO

# 12178. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-09 23:05:58 UTC
From: lhlousek
Topic: 12178  Message: 12178

I have a 97 for Ford Explorer and wonder if anybody has a good suggestion for a good mounting location and method for the FT100. I'd like to put in under the dash on the drivers side but there really isn't enough room. Won't fit under either of the front seats. Under the rear seat would work but then I couldn't fold down the seat. In the center console under the armrest would be OK but I'd have to come up with some way to ventilate the space, maybe with an auxiliary fan. Any suggestions?

Lou W7DZN

# 12179. Re: Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 03:37:06 UTC
From: kb4ifs
Topic: 12178  Message: 12179

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I have a 97 for Ford Explorer and wonder if anybody has a good suggestion for a
> good mounting location and method for the FT100. I'd like to put in under the
> dash on the drivers side but there really isn't enough room. Won't fit under
> either of the front seats. Under the rear seat would work but then I couldn't
> fold down the seat. In the center console under the armrest would be OK but I'd
> have to come up with some way to ventilate the space, maybe with an auxiliary
> fan. Any suggestions?
>
Construct a wooden mount to fit over the console (over the cup holder). Finish the inside portion that will face the console with a remnent of rug from a store. This should secure and pad the console from wear. Place the mobile mount on this frame and enjoy. I have an Explorer and you'll be hard pressed to mount it anywear as well as snake in the cables. Please be careful, every nook and cranny have something under or behind them.

# 12180. Re:soundcard

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 03:55:59 UTC
From: Ham_Tech@juno.com
Topic: 12180  Message: 12180

Hi

I am interested in hooking up a soundcard to the Sharp's Wizard OZ-770 or 730 for operation in PSK31.

I need to learn Basic and I found a really cool program that would be an assembler, compiler, etc. And allow me to sell my programs. Found at www.programfiles.com

The OZ-730/770 has an I/O port for uploading/downloading programs to the organizer and the CPU via a software interface. I have read emails on the webboard at www.mywizard.com, concerning a ham hooking his organizer up to a packet modem. He used 'WizTerm.wzd' (Wizard Terminal Email Program). You will have to search the internet by typing in "WizTerm".

So I want to convert or ask someone to compile Digipan back into the language, Basic.

I basically need a small board with a substitute mini-soundcard on it. Maybe I can get one out of a throw-away laptop.

Daniel

# 12181. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 05:52:18 UTC
From: Pres Waterman
Topic: 12178  Message: 12181

> I have a 97 for Ford Explorer and wonder if anybody has a good suggestion for a
> good mounting location and method for the FT100. I'd like to put in under the
> dash on the drivers side but there really isn't enough room. Won't fit under
> either of the front seats. Under the rear seat would work but then I couldn't
> fold down the seat. In the center console under the armrest would be OK but I'd
> have to come up with some way to ventilate the space, maybe with an auxiliary
> fan. Any suggestions?

Get the separation kit. Put the head at the top of the windshield, under the visor.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
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# 12182. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 04:24:45 UTC
From: w5xv@express56.com
Topic: 12141  Message: 12182

Personally, If I wanted to just go FM mobil, I would have used my FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you other FT-100 users???
10%????
----- Original Message -----
From: russthom@...
To: FT100@yahoogroups.com
Sent: Friday, February 08, 2002 9:14 AM
Subject: [FT100] Active Mobilers

Prez Wrote:

>700,000 US hams
>70% active
>40% active mobile

You assume that all 40% of the mobilers are worried
about ignition noise? Frankly, In my experience, the
only people worried about ignition noise are HF types.
FMers, like me, usually don't worry about ignition noise
as FM is fairly immune from ignition noise. Those I
know that have it usually can knock it out with a filter
in the power line. This is not easily done with the HF
rigs pulling 20 amps.

I think you'll find the HF mobiler percentage much less
than 10%. at 10% of the active hams worried about
ignition noise, that breaks down to 61 cars / car type.
Not enough to make a manufacturer change design.

We are fast to say that interception of unwanted radio
signals on TVs, etc is the fault of the receiver, yet,
our receivers can't take spurious emissions either.
Sounds hypocritical to me

DE KX5G

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[Non-text portions of this message have been removed]

# 12183. Re: [FT100] new mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 06:22:28 UTC
From: John Spiceman
Topic: 12176  Message: 12183

Pres,
I have your spare FT100 you sold last year. It works perfectly. It has the correct factory SWR mod and ALSO the copper straps you mention in exactly the same spots. It seemed to me a bit optimistic that that copper tape was making a good connection to the case.

So, I spot soldered the "tape" to make sure there was a good electrical connection. Even on the little tabs. Do this at your own peril, though. The heat from the solder station changed the gloss of the grey paint on the showing side. It is probably only noticable to me but it is there.

John - WB0RLD

--- Pres Waterman <presw@...> wrote:
> Here's a new one on me...
>
> Today, after weeks of successful mobile operation, I
> noticed the radio would
> fail to TX on 40m even though it found a good SWR.
> The display would blink,
> flash, say "ERR", stuff like that. After checking
> the obvious loose grounds
> ( the car had just been washed too ) I decided to
> take the radio inside and
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> applied to both top and
> bottom covers! Along the back edges, along the
> middle, and some tiny bits on
> the little flaps that hold the cover down in front!
> Very purposefully
> placed, just taped there, connected to nothing.
>
> Also I noticed a lot of black blobs ( ferrite
> chokes??? ) encased in a felt
> tape wrapped around various coaxes, and even the CAT
> pigtail.
>

> The only thing I know is the radio was sent in a few
> months back for a
> Customer Pay repair and we asked them to check for
> updates too.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
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# 12184. RE: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 10:16:41 UTC
From: Jesse
Topic: 12141  Message: 12184

I have my 100 with VHF/UHF ant. on it. But I have a 8500 as the primary running APRS on VHF and voice mostly on UHF. Then if I want to listen to the VHF also I just turn on the 100.. But mostly for HF.

-----Original Message-----
From: w5xv@... [mailto:w5xv@...]
Sent: Saturday, February 09, 2002 10:25 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Active Mobilers

Personally, If I wanted to just go FM mobil, I would have used my FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you other FT-100 users???
10%????
----- Original Message -----
From: russthom@...
To: FT100@yahoogroups.com
Sent: Friday, February 08, 2002 9:14 AM
Subject: [FT100] Active Mobilers

Prez Wrote:

>700,000 US hams
>70% active
>40% active mobile

You assume that all 40% of the mobilers are worried about ignition noise? Frankly, In my experience, the only people worried about ignition noise are HF types. FMers, like me, usually don't worry about ignition noise as FM is fairly immune from ignition noise. Those I know that have it usually can knock it out with a filter in the power line. This is not easily done with the HF rigs pulling 20 amps.

I think you'll find the HF mobiler percentage much less than 10%. at 10% of the active hams worried about ignition noise, that breaks down to 61 cars / car type. Not enough to make a manufacturer change design.

We are fast to say that interception of unwanted radio signals on TVs, etc is the fault of the receiver, yet, our receivers can't take spurious emissions either. Sounds hypocritical to me

DE KX5G

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[Non-text portions of this message have been removed]

# 12185. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 13:20:03 UTC
From: Christian M. Fisher
Topic: 12178  Message: 12185

Pres,

Where do you put the rest of the radio? I only see half the solution. I have an Explorer ( good vehicle by the way), mounting locations are hard to find.

chris,
KB2SEN
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Saturday, February 09, 2002 11:52 PM
Subject: Re: [FT100] Ford Explorer

> I have a 97 for Ford Explorer and wonder if anybody has a good suggestion for a
> good mounting location and method for the FT100. I'd like to put in under the
> dash on the drivers side but there really isn't enough room. Won't fit under
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[Non-text portions of this message have been removed]

# 12186. Re: [FT100] Mods f om the factory

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 13:43:14 UTC
From: John Hirth
Topic: 12177  Message: 12186

I posted this back in January in response to the same question:

"Declared Value" is what they state as the value of the item to the shipper for insurance purposes. "AM Repair" (I'm quite certain) refers to Amateur Repair (as opposed to Commercial Land Mobile?). I've interpreted this to be their labor cost at the "Amateur Repair" rate. Any better information out here?

John W2KI
======
-------
joates_48323 wrote:
>
> I just got my FT-100D back from Vertex and in addition to the
> Thermal Guard OHD3-40M, There was also an AM_Repairs.
>
> Anyone know what the AM_Repairs is for?
>
> de Joe KB8BO
>

# 12187. Re: Mods f om the factory

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 14:21:03 UTC
From: joates_48323
Topic: 12177  Message: 12187

Thanks, John.
de Joe KB8BO
--- In FT100@y..., John Hirth <w2ki@a...> wrote:
> I posted this back in January in response to the same question:
>
> "Declared Value" is what they state as the value of the item to the
> shipper for insurance purposes. "AM Repair" (I'm quite certain)
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> to Amateur Repair (as opposed to Commercial Land Mobile?). I've
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> > Thermal Guard OHD3-40M, There was also an AM_Repairs.
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> > Anyone know what the AM_Repairs is for?
> >
> > de Joe KB8BO
> >

# 12188. PDF Manual and Acrobat Reader 3

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 16:23:23 UTC
From: John Hirth
Topic: 12188  Message: 12188

I'm happy to report to the group that the PDF file of the FT-100D Manual can be read successfully using old Acrobat Reader version 3.01.

I was able to find a copy of the old installation file for 32 bit systems on Adobe's FTP site and installed the stand-alone 3.01 reader on my Win Me system. It opens and reads the PDF Manual file just fine, and all of the Bookmarks work as intended. Print works fine too.

This says nothing about the even older 16 bit version of Reader 3.0 intended for use under Windows 3.1, but we have to make some assumptions about how far back we should go to strive for universality, right?

73,
John W2KI

# 12189. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 13:41:04 UTC
From: byrddawg
Topic: 12178  Message: 12189

Hi Lou.....I have the seperation kit installed and run the head to the front where I mount it on a pedestal stand. The stand is made by Portagrip (Stay-put Flex Mount) and is available from HRO (page 75 in catalogue). Attach the base of the mount to the bolt attaching the "shotgun" seat to the frame. I found a nice piece of walnut that I finished and attached to the top of the mount to afix the head to (with velcro). I have this set up in a new 4Runner, but previously had it set up in an Explorer.....Good Luck, Paul KD5KCZ

lhlousek wrote:

> I have a 97 for Ford Explorer and wonder if anybody has a good
> suggestion for a
> good mounting location and method for the FT100. I'd like to put in
> under the
> dash on the drivers side but there really isn't enough room. Won't
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>
> Lou W7DZN
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# 12190. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 18:24:07 UTC
From: MJ
Topic: 12178  Message: 12190

Lou,
Mine is remote mounted on my 98 Explorer. The control head is mounted at the top of the dash board just above the air-vents. I used double stick tape and fashioned a metal bracket. It is a great position as you don't have to look down or move your head much to see it and it is an easy reach. Both are handy for trying to drive and operate. Because it is mounted towards the top of the dash I take care to make sure I have sun screen in the window during the summer when I am parked.

The radio is mounted in the cargo bay in the side panel on the driver's side. (Same place the jack is stored). It is mounted on top of the wheel well on some foam to give it some vibration protection. There is a cable channel that runs from the front to the back along the floorboards.

I've been running this combination for going on three years and put lots of miles on the unit and the only problem I have had was having my ATAS100 go bad to be replaced with a full size screwdriver - BIG IMPROVEMENT.

73
Mark
AB0HJ

lhlousek wrote:
>
> I have a 97 for Ford Explorer and wonder if anybody has a good
> suggestion for a
> good mounting location and method for the FT100. I'd like to put in
> under the
> dash on the drivers side but there really isn't enough room. Won't
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# 12191. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 16:57:28 UTC
From: lhlousek
Topic: 12141  Message: 12191

I only operate HF CW and I got the FT100D because of it's superior specs in that regard. I've used 2 meters and a repeater just once, to see if the rig worked on 2 meters.

I do wish the user interface was better. Having to turn off BKN and the keyer and hold the paddle to generate a spot note is a real pain, and then you have to go into the menu system just to change keyer speed. On that basis alone I came very close to returning it and trading up to a TSB2000 but I didn't want the added expense ($350) and bigger box although I gotta admit, for that $350 more you get a heck of a lot more rig.

With the same number of buttons and basic interface design they could have done a much much better job of the UI.

Lou W7DZN

----- Original Message -----
From: "w5xv@..." <w5xv@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, February 09, 2002 8:24 PM
Subject: Re: [FT100] Active Mobilers

> Personally, If I wanted to just go FM mobil, I would have used my FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you other FT-100 users???
> 10%????
> ----- Original Message -----

# 12192. RE: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 17:57:31 UTC
From: John Spiceman
Topic: 12141  Message: 12192

I use my FT100 for 10mtr AM mostly with a little 10mtr
SSB for European early morning DX.

Recently I've also been doing a lot of 17 mtr SSB
mobile. Great band it!

No FM !

John - WB0RLD
--- Jesse <jesse@...> wrote:
> I have my 100 with VHF/UHF ant. on it. But I have a
> 8500 as the primary
> running APRS on VHF and voice mostly on UHF. Then
> if I want to listen
> to the VHF also I just turn on the 100.. But mostly
> for HF.
>
> -----Original Message-----
> From: w5xv@... [mailto:w5xv@...]
> Sent: Saturday, February 09, 2002 10:25 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Active Mobilers
>
>
> Personally, If I wanted to just go FM mobil, I would
> have used my
> FT-2400 but I got my FT-100 to do HF...not 2mtr
> fm...What about you
> other FT-100 users???
> 10%????
> ----- Original Message -----
> From: russthom@...
> To: FT100@yahoogroups.com
> Sent: Friday, February 08, 2002 9:14 AM
> Subject: [FT100] Active Mobilers
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>
> Prez Wrote:
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> >700,000 US hams
> >70% active
> >40% active mobile
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> You assume that all 40% of the mobilers are
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# 12193. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 17:16:41 UTC
From: lhlousek
Topic: 12178  Message: 12193

OK you guys, I have no problem figuring out what to do with the head. I plan on mounting the head (and paddles), one way or another, just off the end of the center arm rest so I can easily twirl the VFO and operate the rig as I drive. It's the box I can't find a good spot for which is surprising considering how small it is. Keeping them joined and mounting the whole rig over the center console isn't a bad idea but I was hoping for something a little cleaner. It looks to be possible to mount the box where I originally had hoped to, below the driver's side dash, but it's going to be tight and rigging up a mount is going to be tricky. I'll keep pondering my options.

Lou W7DZN

# 12194. Re: [FT100] new mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 19:23:06 UTC
From: The Simpsons
Topic: 12176  Message: 12194

I had the same problem, intermittently, with my installation. If I tuned on 14MHz or above, operation was quite stable. On 7MHz though, the tuner (SG-239) would give a good match but as soon as I went to SSB, the SWR icon would come on, the SWR was very high, then the radio display would flash and the ERR icon come on. I added an earth strap from the case of the FT100 to a seat mounting bolt. The FT100 is under the drivers seat. I had not needed the strap before this. The problem was traced to poor earth connections between the base of the antenna and the anyenna mount. Also poor earth between the mount and the body of the vehicle. My mount is home made and bolted to the back door spare wheel carrier of my Isuzu Trooper with a piece of pipe formed to follow the door frame on the hinged side so the antenna is mounted at roof height. Doing a decent job of scraping the paint off of all mounting points and at the antenna base meant it now works ok without the earth strap at the radio. I've left the strap on at the radio though for extra safety in the future.
The earth strap at the radio was not needed on my previous vehicle, or when I first installed in the Isuzu. The earth at the antenna measured very low with a meter, but I suspect the current at full power caused problems. The impedance at the base of a mobile antenna can be very low.
I did the SWR mods myself some months ago, and also added the resistor for the cooling fans. I did notice a number of the black felt blobs when I had the radio apart for the mods, but no copper tape on the case as Pres mentioned. I have seen this tape used on other equipment in this way to ensure a good contact between the case and frame of a radio.
This is the first (and only) problem I've had with my FT100 and have owned it since September, 2000. I don't think I can blame the FT100 for it though, just my poor installation practises and too good a paint job on the antenna mount!

Grant, ZL2BK.

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 10, 2002 3:22 PM
Subject: [FT100] new mods?

> Here's a new one on me...
>
> Today, after weeks of successful mobile operation, I noticed the radio would
> fail to TX on 40m even though it found a good SWR. The display would blink,
> flash, say "ERR", stuff like that. After checking the obvious loose grounds
> ( the car had just been washed too ) I decided to take the radio inside

and
> check to see that the SWR mods, if done ( couldn't recall ) were still
> tight.
>
> Imagine my surprise when I opened the radio, found a tiny strap screwed to
> the frame all nice and tight, but also copper tape applied to both top and
> bottom covers! Along the back edges, along the middle, and some tiny bits
on
> the little flaps that hold the cover down in front! Very purposefully
> placed, just taped there, connected to nothing.
>
> Also I noticed a lot of black blobs ( ferrite chokes??? ) encased in a
felt
> tape wrapped around various coaxes, and even the CAT pigtail.
>
> The only thing I know is the radio was sent in a few months back for a
> Customer Pay repair and we asked them to check for updates too.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> Currently 2 NEW 2002 T-Birds in stock, $50k ea.

# 12195. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 19:54:45 UTC
From: Grant Mitchell
Topic: 12141  Message: 12195

Lou,

I use my FT-100D also for HF CW mobile. I have a couple of suggestions.

To spot a station, press the DSP button, then DBP. This will narrow the receive passband enough for you to spot (tune) the other CW station. I use the 240 width, but, you could use the 60 if you really want to narrow it down. If you then want the wider filtering to operate, hit the DBP button again and you are in business...quick and easy.

I leave MENU #52, Keyer Speed in the FUNC button. If I need to change speeds on the fly, press and hold FUNC until Keyer Speed pops up, turn the main dial until you have the speed you want, then press FUNC again quickly and you are all set.

73, Grant
N4GM

lhlousek wrote:
>
> I only operate HF CW and I got the FT100D because of it's superior specs in that
> regard. I've used 2 meters and a repeater just once, to see if the rig worked
> on 2 meters.
>
> I do wish the user interface was better. Having to turn off BKN and the keyer
> and hold the paddle to generate a spot note is a real pain, and then you have to
> go into the menu system just to change keyer speed. On that basis alone I came
> very close to returning it and trading up to a TSB2000 but I didn't want the
> added expense ($350) and bigger box although I gotta admit, for that $350 more
> you get a heck of a lot more rig.
>
> With the same number of buttons and basic interface design they could have done
> a much much better job of the UI.
>
> Lou W7DZN
>
>

# 12196. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 20:01:31 UTC
From: Pres Waterman
Topic: 12178  Message: 12196

>
> Where do you put the rest of the radio? I only see half the solution. I have an Explorer ( good vehicle by the way), mounting locations are hard to find.

Under the front seat?

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

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# 12197. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 20:55:05 UTC
From: lhlousek
Topic: 12178  Message: 12197

Hi Mark,

Thanks for the info. I considered putting the box back there but the rear windshield washer reservoir and an electric module of some sort is back there on my Explorer and there doesn't look to be enough room. Where is the cable channel that runs from front to back? My ATAS will be mounted on the front left fender so I'd have to run the power and feedline back there and then the mike, key line, head and speaker cables back up front.

Lou W7DZN

# 12198. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 21:01:01 UTC
From: lhlousek
Topic: 12178  Message: 12198

<<Under the front seat?>>

No dice. There is zero room under the front (power) seats of my Explorer. You can't even get you hand under there to fish out an errant french fry or potato chip.

Lou W7DZN

# 12199. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 21:23:57 UTC
From: lhlousek
Topic: 12141  Message: 12199

Hi Grant,

Call me old fashioned but I like to zero beat to within a 5 or 10 Hz using the spot function. Also, I put my FT100D audio output on a spectrum analyzer and the 120 and 60 Hz DSP settings are not significantly narrower than the 240 Hz setting. They just attenuate the sig more.

You can leave the menu on 52 (keyer speed) but if, for instance, you go to DSP BPF and hold BPF to get into the menu to change to a narrower setting and then later use the func button to go to the menu, the menu is still on DPF instead of keyer speed, where you left it. This is an example of where they could have easily designed a better UI. Why not have the menu item, as accessed by holding the func key, stay the same after you access the menu via holding one of the A, B, C or D keys to change their parameters? How about making what's available in the menu and on the function buttons mode-dependent so you don't have to scroll through settings that are totally irrelevant to the current operating mode? And, how about making holding the KYR button get you to the keyer speed instead of the keyer type?

It's not that it's impossible to use but that it could have been so much better with very little effort on Yaesu's part. It's like is was designed by an engineer that never operated a radio. That's what is frustrating.

Lou W7DZN

# 12200. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 21:44:27 UTC
From: Jeff kb2m
Topic: 12178  Message: 12200

I have a 98 Exploder, I mounted my FT-100D on a flexible stalk that is screwed into the floor just to the right of the center console. I mounted the unit without a separation kit to allow quick removal. The flexible stalk allows access to the storage cubby holes on the console, and proper positioning of the rig. The whole Idea of where to mount a mobile HF rig is to allow easy eyes off use while mobile. I can tune around the HFbands with my right hand, arm resting comfortably on the center console. I could post some pictures , if anyone need's a visual reference.

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 12201. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 21:52:11 UTC
From: byrddawg
Topic: 12178  Message: 12201

Until last year I had a 1992 Explorer and now have a new 4Runner. In both vehicles, I mounted the head in front as described earlier and mounted the main unit in a fishing tackle box, which fits snugly on the transmission hump on the floor of the back seat area. The tackle box (heavy plastic) will give the transceiver plenty of physical protection. The back of the box is lodged against the back seat, while the front of the box fits firmly against the back of the middle console. Finding a tackle box that accommodates the transceiver and also fits properly in the space described took some time. Roughly, the box is 12" (length) x 6 1/2" width x 8" height. I actually mounted the transceiver on its mobile bracket then fitted all into the bottom of the tackle box on a 1x6□ board. This is important, as there are vent holes on the bottom of the unit. I made several 1 1/2" ventilation holes and glued nylon window screening over each hole. Also I positioned the vent fans on the transceiver directly on a vent hole in the box. This was for good ventilation and I added a CPU fan inside of the box as well, which vents through a whole in the top of the box. You can adjust the speed of the fan with a resistor in its power lead and a power switch for the fan is a good idea.

The tackle box can be placed anywhere in the vehicle and in fact makes the rig portable as well. The tackle box might also camouflage the unit from theft. This works well for me and I hope it will be of some use to the group.

lhlousek wrote:

> OK you guys, I have no problem figuring out what to do with the
> head. I plan
> on mounting the head (and paddles), one way or another, just off the
> end of the
> center arm rest so I can easily twirl the VFO and operate the rig as I
> drive.
> It's the box I can't find a good spot for which is surprising
> considering how
> small it is. Keeping them joined and mounting the whole rig over the
> center
> console isn't a bad idea but I was hoping for something a little
> cleaner. It
> looks to be possible to mount the box where I originally had hoped to,
> below the
> driver's side dash, but it's going to be tight and rigging up a mount
> is going
> to be tricky. I'll keep pondering my options.
>

> Lou W7DZN
>
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# 12202. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 22:13:44 UTC
From: lhlousek
Topic: 12178  Message: 12202

Mount it in a tackle/tool box? That's and interesting and seemingly obvious idea I hadn't thought of. Good ideas on ventilation too. I could stuff it under the rear seat and pull it out if I needed to fold the seat down.

Lou

# 12203. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:04:48 UTC
From: Bruce A. Chambers
Topic: 12178  Message: 12203

I wish you luck. I don't believe putting it under the drivers side is a good idea. It's bound to get in the way and if you have an accident you'll get injured. I tore apart my Explorer trying to find a good position. Taking apart the glove box revealed electronic pods located behind it and the air bag above. Taking off the black key rest above the change holder revealed that it would not even fit there--no place to put the mount. Under the seats--well you know that route. Another problem is snaking in the wires from the battery. There is no easy access to the firewall. PLEASE-if you drill a hole be careful--there are modules all over the place. If you choose to come up from the floor--be sure to seal the hole with a grommet to prevent rubbing of the wires and water penetration. Because of this I decided not to install it--but that's me. Good luck

lhlousek wrote:

> OK you guys, I have no problem figuring out what to do with the
> head. I plan
> on mounting the head (and paddles), one way or another, just off the
> end of the
> center arm rest so I can easily twirl the VFO and operate the rig as I
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> small it is. Keeping them joined and mounting the whole rig over the
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> looks to be possible to mount the box where I originally had hoped to,
> below the
> driver's side dash, but it's going to be tight and rigging up a mount
> is going
> to be tricky. I'll keep pondering my options.
>
> Lou W7DZN
>
>
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# 12204. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:07:57 UTC
From: Bruce A. Chambers
Topic: 12178  Message: 12204

Good idea. Let's see the pictures. Bruce kb4ifs

Jeff kb2m wrote:

> I have a 98 Exploder, I mounted my FT-100D on a flexible stalk that
> is screwed into the floor just to the right of the center console. I
> mounted the unit without a separation kit to allow quick removal. The
> flexible stalk allows access to the storage cubby holes on the
> console, and proper positioning of the rig. The whole Idea of where to
> mount a mobile HF rig is to allow easy eyes off use while mobile. I
> can tune around the HFbands with my right hand, arm resting
> comfortably on the center console. I could post some pictures , if
> anyone need's a visual reference.
>
> 73 Jeff kb2m
>
>
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# 12205. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:38:38 UTC
From: byrddawg
Topic: 12178  Message: 12205

Gentlemen.....I think Jeff and I have the same idea. In my installation I have mounted the head on a pedestal stand. The stand is made by Portagrip (Stay-put Flex Mount) and is available from HRO (page 75 in catalogue). I tried a similar stand made for mounting portable CD players in cars, but it was not stout enough.

Attach the base of the mount to the bolt attaching the "shotgun" seat to the frame. I found a nice piece of walnut that I finished and attached to the top of the mount to afix the head to (with velcro). Paul KD5KCZ

"Bruce A. Chambers" wrote:

> Good idea. Let's see the pictures. Bruce kb4ifs
>
> Jeff kb2m wrote:
>
> > I have a 98 Exploder, I mounted my FT-100D on a flexible stalk that
>
> > is screwed into the floor just to the right of the center console. I
>
> > mounted the unit without a separation kit to allow quick removal.
> The
> > flexible stalk allows access to the storage cubby holes on the
> > console, and proper positioning of the rig. The whole Idea of where
> to
> > mount a mobile HF rig is to allow easy eyes off use while mobile. I
> > can tune around the HFbands with my right hand, arm resting
> > comfortably on the center console. I could post some pictures , if
> > anyone need's a visual reference.
> >
> > 73 Jeff kb2m
> >
> >
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# 12206. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:41:52 UTC
From: lhlousek
Topic: 12178  Message: 12206

In my Explorer there are two big rubber boots that go through the firewall and are easy to access from both sides, one around the steering column and the other around the shifter cable (automatic with column shifter). It will be very easy to poke a hole in either or both boots to run the power wires and antenna feedline.

I did find the troughs for running wires between the front and rear of the vehicle. They are under the trim panels at the bottom of the door thresholds. The problem is they are already occupied by wires and it might not be good to run the feedline and power cables parallel to the existing wires. I could put a braid shield over the power wires and maybe an additional one over the feedline and ground it at both ends of the trough. Alternatively I could just run the wires underneath the vehicle and find or drill holes into the passenger compartment in the rear.

As for the box being in the way or causing injury, I doubt it. It will be up under the dash flush with its lower edge. I had it wedged in there and it was completely out of the way. Still....it'd be problematic fabricating some kind of odd shaped bracket and getting it stuffed in there.

So, most likely option now is in a box stuffed under the rear seats.

Lou W7DZN

# 12207. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:43:25 UTC
From: MJ
Topic: 12178  Message: 12207

"Bruce A. Chambers" wrote:
>
> Another problem
> is
> snaking in the wires from the battery. There is no easy access to the
> firewall. PLEASE-if you drill a hole be careful--there are modules all
> over the place.

No need to drill a hole.
There is a very large grommet that feed a small cable through the
firewall. It has a good inch or so one each side that you can simply
poke a hole in to feed the power cable through. Just remember to fuse
it at the battery with a fuse for both the positive and negative sides.

73s
Mark
AB0HJ

# 12208. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-10 23:47:38 UTC
From: MJ
Topic: 12178  Message: 12208

Lou,
My 98 does not have the reservoir there and there was plenty of room for
the radio.
If you are going to mount the ATAS in the front I would not recommend
mounting the radio in the back. With the ATAS100 you want to keep the
coax short. The tackle box idea really sounds good to me.

73
Mark
AB0HJ

lhlousek wrote:
>
> Hi Mark,
>
> Thanks for the info. I considered putting the box back there but the rear
> windshield washer reservoir and an electric module of some sort is back there on
> my Explorer and there doesn't look to be enough room. Where is the cable
> channel that runs from front to back? My ATAS will be mounted on the front left
> fender so I'd have to run the power and feedline back there and then the mike,
> key line, head and speaker cables back up front.
>
> Lou W7DZN

# 12209. TX Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 01:43:20 UTC
From: k8arn
Topic: 12209  Message: 12209

Has anyone got the mod to work...Ive tried it a couple times with no luck

# 12210. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 02:03:13 UTC
From: Pres Waterman
Topic: 12178  Message: 12210

>
> No dice. There is zero room under the front (power) seats of my Explorer.
You
> can't even get you hand under there to fish out an errant french fry or
potato
> chip.

Try again, except consider the rear portion of "under the front seat"...
Inage kids in the back seat tapping their toes on the box.

I have done it in many Fords. Currently the Escape XLT with power seats.

However, I found there is a heater output under there so I removed it and
relocated it to the rear cargo area, on the left panel, there is a net to
hold it and everything.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

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# 12211. Re: [FT100] TX Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 02:12:16 UTC
From: Howard Cunningham
Topic: 12209  Message: 12211

K8arn:

What TX mod?

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> "k8arn" <k8arn@...> 02/10/02 08:43PM >>>
Has anyone got the mod to work...Ive tried it a couple times with no
luck

# 12212. Re: [FT100] TX Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 02:13:16 UTC
From: Aaron
Topic: 12209  Message: 12212

the extended tx mod..thanks

--- Howard Cunningham <howardc@...> wrote:
> K8arn:
>
> What TX mod?
>
> hc
>
> Howard Cunningham
> MACRO Systems, LLC
> 3867 Plaza Drive
> Fairfax, VA 22030
>
> (703) 359-9211
> (703) 591-0446 (F)
> www.macrollc.com
>
> howardc@...
> for service: service@...
>
>
> >>> "k8arn" <k8arn@...> 02/10/02 08:43PM >>>
> Has anyone got the mod to work...Ive tried it a
> couple times with no
> luck
>
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# 12213. RE: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 02:08:23 UTC
From: Kevin McGuirt
Topic: 12178  Message: 12213

I don't know if you have the newer body style or not, but I managed to mount a large CD changer (back in my audiophile days) between the back seat and the side wall of my '93 Explorer Sport. Of course, they may have drastically changed since then.

73 & Good Luck,
Kevin, W4KBM

Kevin McGuirt
Connect Technologies
770-813-0600 x301

-----Original Message-----
From: Bruce A. Chambers [mailto:chambersb@...]
Sent: Sunday, February 10, 2002 6:05 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Ford Explorer

I wish you luck. I don't believe putting it under the drivers side is a good idea. It's bound to get in the way and if you have an accident you'll get injured. I tore apart my Explorer trying to find a good position. Taking apart the glove box revealed electronic pods located behind it and the air bag above. Taking off the black key rest above the change holder revealed that it would not even fit there--no place to put the mount. Under the seats--well you know that route. Another problem is snaking in the wires from the battery. There is no easy access to the firewall. PLEASE-if you drill a hole be careful--there are modules all over the place. If you choose to come up from the floor--be sure to seal the hole with a grommet to prevent rubbing of the wires and water penetration. Because of this I decided not to install it--but that's me. Good luck

lhlousek wrote:

> OK you guys, I have no problem figuring out what to do with the
> head. I plan
> on mounting the head (and paddles), one way or another, just off the
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> center arm rest so I can easily twirl the VFO and operate the rig as I
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> It's the box I can't find a good spot for which is surprising
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> console isn't a bad idea but I was hoping for something a little
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> below the
> driver's side dash, but it's going to be tight and rigging up a mount
> is going
> to be tricky. I'll keep pondering my options.
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12214. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 00:23:27 UTC
From: w5xv@express56.com
Topic: 12178  Message: 12214

I have a Ford Expedition and I mounted it under the pasengers seat. Mabey you have room, in the Explorer, under the passengers seat?
----- Original Message -----
From: lhlousek
To: FT100@yahoogroups.com
Sent: Sunday, February 10, 2002 11:16 AM
Subject: Re: [FT100] Ford Explorer

OK you guys, I have no problem figuring out what to do with the head. I plan on mounting the head (and paddles), one way or another, just off the end of the center arm rest so I can easily twirl the VFO and operate the rig as I drive. It's the box I can't find a good spot for which is surprising considering how small it is. Keeping them joined and mounting the whole rig over the center console isn't a bad idea but I was hoping for something a little cleaner. It looks to be possible to mount the box where I originally had hoped to, below the driver's side dash, but it's going to be tight and rigging up a mount is going to be tricky. I'll keep pondering my options.

Lou W7DZN

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[Non-text portions of this message have been removed]

# 12215. WTB FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 02:08:16 UTC
From: spizzed
Topic: 12215  Message: 12215

Looking fer FT 100D in Top Condition.
PSe Email
TNX D.F.Kritzberg
KF4UOD

# 12216. RE: [FT100] TX Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 01:38:44 UTC
From: freddo
Topic: 12209  Message: 12216

Works fine on my FT100. Just be very careful when performing the reset
song and dance. Follow the
instructions exactly, or the mod won't work.

Fred VA3FD

-----Original Message-----
From: Aaron [mailto:k8arn@...]
Sent: Sunday, February 10, 2002 9:13 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] TX Mod

the extended tx mod..thanks

--- Howard Cunningham <howardc@...> wrote:
> K8arn:
>
> What TX mod?
>
> hc
>
> Howard Cunningham
> MACRO Systems, LLC
> 3867 Plaza Drive
> Fairfax, VA 22030
>
> (703) 359-9211
> (703) 591-0446 (F)
> www.macrollc.com
>
> howardc@...
> for service: service@...
>
>
> >>> "k8arn" <k8arn@...> 02/10/02 08:43PM >>>
> Has anyone got the mod to work...Ive tried it a
> couple times with no
> luck
>
>
>
>
>
>

---
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<http://us.adserver.yahoo.com/l?M=221000.1882886.3382503.1261774/D=egroupmail/S=1705063108:HM/A=965714/rand=621451142>

Post message: FT100@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12217. Re: Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 04:23:59 UTC
From: k1sjc
Topic: 12178  Message: 12217

Hi Lou,

You've got a bunch of suggestions here - I didn't read them all - but I have a 4 door 97 Explorer XLT. If you have the same type - consider doing what I did... I located the remote head mount in the upper cubby hole of the dash - supporting it from the top of the cubby hole (remove the cubby hole ass'y for ease of install). It fits nicely there. The radio itself was harder to do - but I found that removing the carpet clip from the fold down driver's side rear seat / rear floor allowed me to drill the steel plate to mount the radio to it. This allowed for air circulation in the space when the seat is or down. Just lay it all out so that it fits when the seat is down. You'll find it is undetectable and complete safe from harm if you take the time to lay it out completely. I did however find that I needed to lay a 2"x4"x12" between the seat and the plate so that the plate didn't press the radio into the seatback - but rather rested on the 2x4. I have uploaded pics of the radio mounting.

73

Steve k1sjc

>
> Thanks for the info. I considered putting the box back there but the rear
> windshield washer reservoir and an electric module of some sort is back there on
> my Explorer and there doesn't look to be enough room. Where is the cable
> channel that runs from front to back? My ATAS will be mounted on the front left
> fender so I'd have to run the power and feedline back there and then the mike,
> key line, head and speaker cables back up front.
>
> Lou W7DZN

# 12218. Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 05:33:11 UTC
From: n9cv
Topic: 12141  Message: 12218

What is 2mtr fm? Is this some new kind of mode like PSK31 or
something?

Just kidding.

My FT-100 has never been tuned to any frequency higher than 6 meters
and has never transmitted on any frequency higher the 10 meters. I
do not even have an antenna connected to the UHF/VHF connector.
Maybe I ought to build an antenna and try out this "new mode"

I do have a second 2 meter/440 radio in my vehicle that I turn on
occasionally. Usually this is to listen to the National Weather
Service on 162mhz. The FT-100 is always on and tuned to HF whenever
the ignition switch is turned on in my Blazer.

Why would anyone buy an FT-100 and only use it on UHF/VHF. Isn't
that like buying an Greyhound Bus and only using the back seat?

Ken - N9CV

--- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> Personally, If I wanted to just go FM mobil, I would have used my
FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
other FT-100 users???

# 12219. Re: [FT100] WTB FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 04:38:51 UTC
From: David B. Rogers
Topic: 12215  Message: 12219

I have one that I just bought -- literally -- less than a month ago. It has the AM filter installed by AES. I was going to set it up as a mobile for travel, but plans have changed. I paid $819.00 plus $140.00 for the filter installed, for a total of $959.00 plus shipping. I would take $815.00 for it, shipped within the USofA (I figure $800.00 plus $15.00 shipping). It is literally like new because it is new.

David, WA7ZYQ

spizzed wrote:
>
> Looking fer FT 100D in Top Condition.
> PSe Email
> TNX D.F.Kritzberg
> KF4UOD
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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--

"Them that's got is them that gets, but how you get the first is still a mystery to me."
Ray Charles

# 12220. Re: [FT100] Re: Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 06:12:08 UTC
From: lhlousek
Topic: 12178  Message: 12220

I checked out the pix you uploaded. Mounting the box on the flap is a clever idea and something that hadn't occured to me. It should work in the same in my 97. I'll have to take a look at it.

Lou W7DZN

----- Original Message -----
From: "k1sjc" <k1sjc@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 10, 2002 8:23 PM
Subject: [FT100] Re: Ford Explorer

> Hi Lou,
>
> You've got a bunch of suggestions here - I didn't read them all -
> but I have a 4 door 97 Explorer XLT. If you have the same type -

# 12221. FT-100 Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 07:05:37 UTC
From: ve7baq
Topic: 12045  Message: 12221

I downloaded the FT-100 pages from Daniel's web page and saved them to a separate directory as he suggested. Now to put them to the best use!
I inserted them into my wordprocessor and then printed them but with a difference. I printed them with my wordprocessor (WordPerfect) with the pages in landscape format. This allows me to insert two manual page images on one sheet. I then save each page under a convenient file name (such as Page 2&3, Page 4&5) etc.
The front cover and the Contents and Specifications were each saved on a page by themselves with appropriate filenames.
When I print, I turn the paper over and print the next two images on the other side but I rotate the paper so that when I look at them I have four booklet pages on one sheet of paper. (Print on both sides of the paper). This allows me to print the whole booklet using only around twenty-eight sheets of paper.
I then place them in plastic sheet holder and keep them in a loose leaf binder. The front cover page is inserted in a clear pocket on the front of the binder so it identifies the book. And the inside sheets are mounted in so that when the book is open, I can view four booklet images at a time without turning it around. (Just like a flip chart). The plastic sheets keep them from tearing at the ring binder holes and also helps keep them clean.
I also included a few extra plastic sheet holders at the end of the binder for keeping any mods, notes etc., so now I have a complete manual to take with me when we go vacationing etc., in our trailer and the original is safe at home. Like many others have said, the manual can get very dog-eared after a while and this will help. By the way, the manuals for the FT-100 and the FT-100D are almost identical, so this is a great way to store it.
Thank you all for all the work to not only put the manual on the web this way but also the other one in PDF format. They are a great convenience.

Einar VE7BAQ
E-mail carls@...

# 12222. Re: Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 11:10:49 UTC
From: kg4fet
Topic: 12178  Message: 12222

Good Morning,
I am wondering if you could put the RF deck under back seat and using the remote kit mount the head, mic, and speaker in spots easy to access spots? I use mine as a slip seated rig. The RF deck is on a hump mount and the remoted on a bracket I bent out of flat steel that located right above the rear view mirrior so to make any adjustments I do not have to take my eyes off the road.
73 and all the best
DE KG4FET Sandor

# 12223. Re: Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 12:37:21 UTC
From: hanksterrus
Topic: 12178  Message: 12223

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> OK you guys, I have no problem figuring out what to do with the head. I plan
> on mounting the head (and paddles), one way or another, just off the end of the
> center arm rest so I can easily twirl the VFO and operate the rig as I drive.
> It's the box I can't find a good spot for which is surprising considering how
> small it is. Keeping them joined and mounting the whole rig over the center
> console isn't a bad idea but I was hoping for something a little cleaner. It
> looks to be possible to mount the box where I originally had hoped to, below the
> driver's side dash, but it's going to be tight and rigging up a mount is going
> to be tricky. I'll keep pondering my options.
>
> Lou W7DZN My radio is in a tupperware container in the rear of my chevy blazer with some venting cut into it. That way nothing can damage it and it just looks like some storage to anyone peeking inside.the head is mounted on the dash with double sided tape.

# 12224. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 15:48:55 UTC
From: Jeff kb2m
Topic: 12178  Message: 12224

Just posted 3 pics to the 97 explorer installation pic area. Ft-100 is on stalk I picked up several years ago at local stereo shop. Mic mount and D-700 mount's simply slide into the cracks between the dash components. I have a keyboard attached to the D-700 running APRS. I can log my mobile DX contacts by sending an APRS message containing the contact info to my home APRS station. When I get home I then enter them in my main log. I used stanless screws to attach the mount to the side if the transmission hump. When you put the screws in , check clearences carefully. I used screws about 1.5 inches long. Power is run directly from the battery, through one of the rubber plug's in the firewall. D-700 body is just to the left of the console.

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 12225. Re: [FT100] Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 15:18:51 UTC
From: Mike May
Topic: 12141  Message: 12225

I use mine for HF/6 meters and VHF/UHF satellites when mobile. So when
my V/U PA went out I felt like I was only using half of its potential.

Mike
WB8VLC/7
w5xv@..." wrote:

> Personally, If I wanted to just go FM mobil, I would have used my
> FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> other FT-100 users???
> 10%????
> ----- Original Message -----
> From: russthom@...
> To: FT100@yahoogroups.com
> Sent: Friday, February 08, 2002 9:14 AM
> Subject: [FT100] Active Mobilers
>
>
> Prez Wrote:
>
> >700,000 US hams
> >70% active
> >40% active mobile
>
> You assume that all 40% of the mobilers are worried
> about ignition noise? Frankly, In my experience, the
> only people worried about ignition noise are HF types.
> FMers, like me, usually don't worry about ignition noise
> as FM is fairly immune from ignition noise. Those I
> know that have it usually can knock it out with a filter
> in the power line. This is not easily done with the HF
> rigs pulling 20 amps.
>
> I think you'll find the HF mobiler percentage much less
> than 10%. at 10% of the active hams worried about
> ignition noise, that breaks down to 61 cars / car type.
> Not enough to make a manufacturer change design.
>
> We are fast to say that interception of unwanted radio
> signals on TVs, etc is the fault of the receiver, yet,
> our receivers can't take spurious emissions either.
> Sounds hypocritical to me
>
> DE KX5G
>

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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 12226. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 13:40:52 UTC
From: Christian M. Fisher
Topic: 12178  Message: 12226

Mark,

Where is the grommet located on the firewall? Looking at my explorer (1999), I don't see an easy access route into the vehicle. Getting ready to mount the radio permanently.

Chris,
KB2SEN
----- Original Message -----
From: MJ
To: FT100@yahoogroups.com
Sent: Sunday, February 10, 2002 05:43 PM
Subject: Re: [FT100] Ford Explorer

"Bruce A. Chambers" wrote:
>
> Another problem
> is
> snaking in the wires from the battery. There is no easy access to the
> firewall. PLEASE-if you drill a hole be careful--there are modules all
> over the place.

No need to drill a hole.
There is a very large grommet that feed a small cable through the
firewall. It has a good inch or so one each side that you can simply
poke a hole in to feed the power cable through. Just remember to fuse
it at the battery with a fuse for both the positive and negative sides.

73s
Mark
AB0HJ

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[Non-text portions of this message have been removed]

# 12227. Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 17:23:21 UTC
From: backhoefade
Topic: 12141  Message: 12227

I don't recommend using the FT-100D in the back of the bus; the
engine EMI is really awful!

Joe Wheelbrake
retired bus driver / ham

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> What is 2mtr fm? Is this some new kind of mode like PSK31 or
> something?
>
> Just kidding.
>
> My FT-100 has never been tuned to any frequency higher than 6
meters
> and has never transmitted on any frequency higher the 10 meters. I
> do not even have an antenna connected to the UHF/VHF connector.
> Maybe I ought to build an antenna and try out this "new mode"
>
> I do have a second 2 meter/440 radio in my vehicle that I turn on
> occasionally. Usually this is to listen to the National Weather
> Service on 162mhz. The FT-100 is always on and tuned to HF
whenever
> the ignition switch is turned on in my Blazer.
>
> Why would anyone buy an FT-100 and only use it on UHF/VHF. Isn't
> that like buying an Greyhound Bus and only using the back seat?
>
> Ken - N9CV
>
>
> --- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> > Personally, If I wanted to just go FM mobil, I would have used my
> FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> other FT-100 users???

# 12228. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 17:32:35 UTC
From: lhlousek
Topic: 12178  Message: 12228

I have two large grommets. A white one about 2 inches in diameter above and slightly to the left of the brake pedal. The push-pull cable for the column mounted shifter goes through it. The other one is grey, about 3" x 4", and the steering column passes through it.

Lou W7DZN

----- Original Message -----
From: "Christian M. Fisher" <cfisher1@...>
To: <FT100@yahoogroups.com>
Sent: Monday, February 11, 2002 5:40 AM
Subject: Re: [FT100] Ford Explorer

> Mark,
>
> Where is the grommet located on the firewall? Looking at my explorer (1999), I don't see an easy access route into the vehicle. Getting ready to mount the radio permanently.
>

# 12229. Re: [FT100] Ford Explorer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 17:49:53 UTC
From: Jeff kb2m
Topic: 12229  Message: 12229

The grommet I used is located under the fuse box under the hood. It is much easier found by looking at the firewall on the driver side from the inside of the vehicle. The cable that passes through it is the speedometer cable.

73 Jeff kb2m

Where is the grommet located on the firewall? Looking at my explorer (1999), I don't see an easy access route into the vehicle. Getting ready to mount the radio permanently.

[Non-text portions of this message have been removed]

# 12230. Removal of the FT-100 Owners Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 17:58:44 UTC
From: Ham_Tech@juno.com
Topic: 12230  Message: 12230

Hi guys,

I made a wrong assumption about the wording on the back of the Yaesu manual, about not reproducing it.

I had some email me, asking if I had gotten permission from Yaesu.. So I called up, Yaesu and asked them their opinion. I also emailed Japan, and California and asked them what they thought, even though I don't intend at all to sell it. But just the idea of putting it on my website.

The guys at Vertex Standard; to avoid any headaches from Japan; that I take it off of my website.

I know that everyone has now gotten it. And you have the choice of taking it off of your website or leaving it on. Well it was fine while it lasted.

Vertex Standard said that the reply time on messages from Japan take at least two weeks, because of their turn around.

I will now remove the link from my website.
I will still have a link to K0Lee website.

Sincerely,
Daniel

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.

# 12231. FT100D/Astatic D-104

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 18:08:12 UTC
From: rabbit4494122
Topic: 12231  Message: 12231

Hello everyone,

Has anyone mated an Astatic D-104 using its built-in preamp and fitted with the standard 4 pin, circular connector to the FT-100D? I'm trying to make an adapter cable and have the 6 pin modular connector and the 4 pin circular male. The trouble is, I can't figure out the pin connections on either. The schematics Yaesu provides don't give me enough information. Maybe I should contact tech service. Any suggestions, however, would be appreciated. Thank you.

Mark Watanabe, KG6IBY

# 12232. Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 18:13:34 UTC
From: Ham_Tech@juno.com
Topic: 12232  Message: 12232

Hi guys/gals,

I just talked to a Vertex Standard rep.

I was confused about the reason of the FT-100D having mods to add.

He explained that instead of Yaesu calling the repairments the radio; "fixings" (change out components for new ones: Yaesu would call them "modifications" or "mods" (adding new components to the FT-100D board/modules.

I also asked about the Hi SWR icon problem. He said that the microprocessor was displaying a 'False' representation, and thus telling the microprosser to drop the power output. In the jist of his own words he said, "We would take the radios and open them up to find this problem to be false. Then they would call it stupid (mainly frustrations to a repeated problem) and slap it around a bit to make it work correctly (I assume that they do some reprogramming of or replacement of the chip), then send it back to the owner."

He said that after the new supply of FT-100Ds that Japan has been sending out, the calls have slowly decreased.

I asked him how I could tell that is was the latest version of the FT-100D and that it would not have anymore of these SWR problems. (Which Yaesu Japan, have been able to catch up on, in their production department, which the Rep. mentioned.)

Here is how to see if it is the latest model:

Open up the cover and look for brass fittings on the inside...of the lids and boards.

I hope that this has helped you. And to Lee Devlin, this guy thinks that you have a pretty cool site with the modification links.

Daniel
kg4dni

# 12233. Re: Removal of the FT-100 Owners Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 18:34:17 UTC
From: backhoefade
Topic: 12230  Message: 12233

Gee- do you think they would respond as quickly to a request for an updated manual that includes accurate information regarding AM operation? "Minor" points such as the fact that you need the 6 kHz filter installed would be nice. Corrections in the sections pertaining to the PROcessor function which is currently inaccurate would be helpful.

--- In FT100@y..., Ham_Tech@j... wrote:
> Hi guys,
>
> I made a wrong assumption about the wording on the back of the Yaesu manual, about not reproducing it.
>
> I had some email me, asking if I had gotten permission from Yaesu.. So I called up, Yaesu and asked them their opinion. I also emailed Japan, and California and asked them what they thought, even though I don't intend at all to sell it. But just the idea of putting it on my website.
>
> The guys at Vertex Standard; to avoid any headaches from Japan; that I take it off of my website.
>
> I know that everyone has now gotten it. And you have the choice of taking it off of your website or leaving it on. Well it was fine while it lasted.
>
> Vertex Standard said that the reply time on messages from Japan take at least two weeks, because of their turn around.
>
> I will now remove the link from my website.
> I will still have a link to K0Lee website.
>
> Sincerely,
> Daniel
>
>
>
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
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# 12234. Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 18:51:54 UTC
From: backhoefade
Topic: 12232  Message: 12234

I have to respond to the guy's comment about the "microprocessor displaying a false representation". Either that statement was a lie or the guy was mis-informed. I have personally measured the spurious oscillations which occur while the SWR icon is showing up when it shouldn't. There are spurious tones at roughly 13.65 MHz and 2 times and 3 times that frequency. They are real emissions which, since the antenna generally isn't resonant at those spurious frequencies, cause a true high SWR condition, which the SWR sensing circuitry sees, as it should, and which then causes the rig to pull back on its output power, as it should. So "BS !!!" about the "display of false representation". The only "false representation" is the comment about the problem!

It's not clear precisely what causes the spurious oscillation. There has been speculation that the RF gets into the synthesizer which causes the synthesizer to output spurious signals in addition to its desired output. There has been speculation that the spurious oscillations occur in the PA section or combination of PA/Filter sections.

But the truth I wanted to bring to the group is that the spurious oscillations that result in the SWR icon are real. The SWR icon is displayed because the SWR really is high at those spurious frequencies.

--- In FT100@y..., Ham_Tech@j... wrote:
> Hi guys/gals,
>
> I just talked to a Vertex Standard rep.
>
> I was confused about the reason of the FT-100D having mods to add.
>
> He explained that instead of Yaesu calling the repairments the radio; "fixings" (change out components for new ones: Yaesu would call them "modifications" or "mods" (adding new components to the FT-100D board/modules.
>
> I also asked about the Hi SWR icon problem. He said that the microprocessor was displaying a 'False' representation, and thus telling the microprosser to drop the power output. In the jist of his own words he said, "We would take the radios and open them up to find this problem to be false. Then they would call it stupid (mainly frustrations to a repeated problem) and slap it around a bit to make it work correctly (I assume that they do some reprogramming of or replacement of the chip), then send it back to the owner."
>

> He said that after the new supply of FT-100Ds that Japan has been sending out, the calls have slowly decreased.
>
> I asked him how I could tell that is was the latest version of the FT-100D and that it would not have anymore of these SWR problems. (Which Yaesu Japan, have been able to catch up on, in their production department, which the Rep. mentioned.)
>
> Here is how to see if it is the latest model:
>
> Open up the cover and look for brass fittings on the inside...of the lids and boards.
>
> I hope that this has helped you. And to Lee Devlin, this guy thinks that you have a pretty cool site with the modification links.
>
> Daniel
> kg4dni

# 12235. Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 19:08:33 UTC
From: backhoefade
Topic: 12141  Message: 12235

I found it interesting once when I read someone's message where he expressed huge dis-satisfaction with most HF rigs' noise blanker performance on AM as well as SSB. His "point" was posed in the question, "Why the heck can't the amateur gear manufacturers come up with a decent noise blanker in a $1000 rig while my cheapo AM radio in my car picks up AM broadcast stations without any ignition or other noise whatsoever!". The reason is not that the cheap car radio has a better noise blanker. For that matter it probably has a very poor noise reduction function. The difference is in the basic receive signal level and the resultant signal to interfering noise ratio. When you tune in a local AM broadcast station you're looking at a typical S9+60 or better signal level (S9+60 is a -13 dBm level; a huge level). While your typical ham signal may be around S7 which is -85 dBm. So for a given background ignition noise (or other source) level, the signal to noise ratio for the commercial station case is 72 dB greater. Go park under an overpass while listening to a relatively strong AM broadcast station in order to drop the receive signal level by a good amount and then you'll start hearing all the noise that's really there. The blanker in the FT-100D is an excellent performer.

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> I use mine for HF/6 meters and VHF/UHF satellites when mobile. So when
> my V/U PA went out I felt like I was only using half of its potential.
>
>
> Mike
> WB8VLC/7
> w5xv@e..." wrote:
>
> > Personally, If I wanted to just go FM mobil, I would have used my
> > FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> > other FT-100 users???
> > 10%????
> > ----- Original Message -----
> > From: russthom@a...
> > To: FT100@y...
> > Sent: Friday, February 08, 2002 9:14 AM
> > Subject: [FT100] Active Mobilers
> >
> >
> > Prez Wrote:

> >
> > >700,000 US hams
> > >70% active
> > >40% active mobile
> >
> > You assume that all 40% of the mobilers are worried
> > about ignition noise? Frankly, In my experience, the
> > only people worried about ignition noise are HF types.
> > FMers, like me, usually don't worry about ignition noise
> > as FM is fairly immune from ignition noise. Those I
> > know that have it usually can knock it out with a filter
> > in the power line. This is not easily done with the HF
> > rigs pulling 20 amps.
> >
> > I think you'll find the HF mobiler percentage much less
> > than 10%. at 10% of the active hams worried about
> > ignition noise, that breaks down to 61 cars / car type.
> > Not enough to make a manufacturer change design.
> >
> > We are fast to say that interception of unwanted radio
> > signals on TVs, etc is the fault of the receiver, yet,
> > our receivers can't take spurious emissions either.
> > Sounds hypocritical to me
> >
> > DE KX5G
> >
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> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

> > Yahoo! Groups Sponsor
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>
> >
> > Post message: FT100@y...
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> > Unsubscribe: FT100-unsubscribe@y...
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> >
> > We are all a part of this Lets make it as good as possible.
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> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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>
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> legally binding statements, representations or commitments
> (collectively statements) may be made by email. Any such
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> this email is not authorized to commit the company in any way
> and the addressee is hereby formally notified of that fact.
> [Wulfsberg Electronics Division; Prescott, Arizona USA]
>
>
>
> [Non-text portions of this message have been removed]

# 12236. SWR Question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 18:09:09 UTC
From: box542
Topic: 12236  Message: 12236

OK, so maybe I missed something. What does the SWR icon with the O or 0(zero) mean? I get that on my FT-100 from time to time.

If it's explained in the manual, then I need to get glasses!!

Thanks in advance!!

Bruce

# 12237. FT100 Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 21:37:28 UTC
From: Paul Rogers
Topic: 12237  Message: 12237

I seem to have lost the link to the FT100 manual, can someone point me in the right direction

73 de G0SNW, Paul

# 12238. Re: [FT100] Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 22:05:12 UTC
From: Bob Cheek
Topic: 12232  Message: 12238

To all,

I was given a similar explaination of the "Hi SWR" mod
from Yaesu's Repair Supervisor. His story was that
the SWR sensing circuits were too sensitive and that
the modifications (Adding grounds and moving some
wires and ty-wraping them together) make the SWR
sensing circuits less sensitive. He insisted there is
no problem with spurious oscillations in the FT-100.

I know that's hooey, because when my FT-100 blew its
finals it was on the bench attached to a dummy load
with a frequency counter connected to the -20 dB port
on the dummy load and I was watching the counter
wander between 200 and 300 Mhz. (VHF final blew)

Common sense tell you that when you are beefing up
grounds you are working on either a ground loop or a
problem with unwanted feedback causing an oscillation.

--- backhoefade <cgarner@...> wrote:
> I have to respond to the guy's comment about the
> "microprocessor
> displaying a false representation". Either that
> statement was a lie
> or the guy was mis-informed. I have personally
> measured the spurious
> oscillations which occur while the SWR icon is
> showing up when it
> shouldn't.............

> --- In FT100@y..., Ham_Tech@j... wrote:
> > Hi guys/gals,
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> > I just talked to a Vertex Standard rep.
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> > I was confused about the reason of the FT-100D
> having mods to add.
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> > He explained that instead of Yaesu calling the
> repairments the
> radio; "fixings" (change out components for new
> ones: Yaesu would
> call them "modifications" or "mods" (adding new
> components to the FT-
> 100D board/modules.

---
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# 12239. Re: [FT100] FT100 Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 22:09:39 UTC
From: John Hirth
Topic: 12237  Message: 12239

You can the find the manual at:

http://k0lee.com/images/FT-100D%20Manual.pdf

73, John W2KI

========

Paul Rogers wrote:
>
> I seem to have lost the link to the FT100 manual, can someone point me in
> the right direction
>
> 73 de G0SNW, Paul
>

# 12240. Re: [FT100] Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 22:27:26 UTC
From: Bruce A. Chambers
Topic: 12232  Message: 12240

Does he mean "brass fittings" or copper tape? I opened mine up to see what was inside. I was hoping to find a thermosister? Instead I found "copper tape" over the edges of the cover. Is this what you mean? TNX
Bruce kb4ifs

Ham_Tech@... wrote:

> Hi guys/gals,
>
> I just talked to a Vertex Standard rep.
>
> I was confused about the reason of the FT-100D having mods to add.
>
> He explained that instead of Yaesu calling the repairments the radio;
> "fixings" (change out components for new ones: Yaesu would call them
> "modifications" or "mods" (adding new components to the FT-100D
> board/modules.
>
> I also asked about the Hi SWR icon problem. He said that the
> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of his
> own words he said, "We would take the radios and open them up to find
> this problem to be false. Then they would call it stupid (mainly
> frustrations to a repeated problem) and slap it around a bit to make
> it work correctly (I assume that they do some reprogramming of or
> replacement of the chip), then send it back to the owner."
>
> He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
>
> I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their production
> department, which the Rep. mentioned.)
>
> Here is how to see if it is the latest model:
>
> Open up the cover and look for brass fittings on the inside...of the
> lids and boards.
>
> I hope that this has helped you. And to Lee Devlin, this guy thinks
> that you have a pretty cool site with the modification links.
>
> Daniel
> kg4dni

>
>
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>
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[Non-text portions of this message have been removed]

# 12241. Re: [FT100] Fw: anybody work hard FT100D with the air mail

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 00:12:42 UTC
From: Ham_Tech@juno.com
Topic: 12241  Message: 12241

Check out www.winlink.org.

daniel

---
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# 12242. Re: Removal of the FT-100 Owners Manual

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 07:08:49 UTC
From: n9cv
Topic: 12230  Message: 12242

A $800 to $1000 radio and they are worried about a $6 to $8 out of date manual for it. Strange priorities here. How much profit can Yeasu make in sales of this (out of date) and out of stock item. One would think that Yaesu would be happy that someone made a free electric copy available that saved them the production effort and expense.

Ken - N9CV

--- In FT100@y..., Ham_Tech@j... wrote:
> Hi guys,
>
> I made a wrong assumption about the wording on the back of the Yaesu manual, about not reproducing it.
>

# 12243. Re: [FT100] SWR Question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-11 23:16:33 UTC
From: John McClain
Topic: 12236  Message: 12243

I will pass along what the tech at Yaesu told me. The "SWR X" icon means that the rig is seeing a high SWR. The "SWR O" icon means that a "TUN" operation to either an ATAS-100 antenna or an FC-20 tuner completed successfully with low reflected power and it should not be seen at any other time. If anyone knows or heard anything different please pipe up and fill us in because I have no faith in the tech that told me this. He didn't know much about the FT-100 so, while I was on hold, he talked to the lead FT-100 tech and then passed the info on to me.

John
K7SVV@...
----- Original Message -----
From: box542
To: FT100@yahoogroups.com
Sent: Monday, February 11, 2002 11:09 AM
Subject: [FT100] SWR Question

OK, so maybe I missed something. What does the
SWR icon with the O or 0(zero) mean? I get that
on my FT-100 from time to time.

If it's explained in the manual, then I need to
get glasses!!

Thanks in advance!!

Bruce

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[Non-text portions of this message have been removed]

# 12244. Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 03:37:04 UTC
From: hfolgering
Topic: 12232  Message: 12244

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I have to respond to the guy's comment about the "microprocessor
> displaying a false representation". Either that statement was a lie
> or the guy was mis-informed. I have personally measured the
spurious
> oscillations which occur while the SWR icon is showing up when it
> shouldn't. There are spurious tones at roughly 13.65 MHz and 2
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> and 3 times that frequency. They are real emissions which, since
the
> antenna generally isn't resonant at those spurious frequencies,
cause
> a true high SWR condition, which the SWR sensing circuitry sees, as
> it should, and which then causes the rig to pull back on its output
> power, as it should. So "BS !!!" about the "display of false
> representation". The only "false representation" is the comment
> about the problem!
>
> It's not clear precisely what causes the spurious oscillation.
There
> has been speculation that the RF gets into the synthesizer which
> causes the synthesizer to output spurious signals in addition to its
> desired output. There has been speculation that the spurious
> oscillations occur in the PA section or combination of PA/Filter
> sections.
>
> But the truth I wanted to bring to the group is that the spurious
> oscillations that result in the SWR icon are real. The SWR icon is
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> frequencies.
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> --- In FT100@y..., Ham_Tech@j... wrote:
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> > He explained that instead of Yaesu calling the repairments the
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FT-
> 100D board/modules.
> >
> > I also asked about the Hi SWR icon problem. He said that the

> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of
> his own words he said, "We would take the radios and open them up to
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> > He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
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> > I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their
> production department, which the Rep. mentioned.)
> >
> > Here is how to see if it is the latest model:
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> > Open up the cover and look for brass fittings on the inside...of
> the lids and boards.
> >
> > I hope that this has helped you. And to Lee Devlin, this guy
> thinks that you have a pretty cool site with the modification links.
> >
> > Daniel
> > kg4dni

# 12245. Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 04:24:57 UTC
From: hfolgering
Topic: 12232  Message: 12245

I use my ft100 mainly as a base station.antenna is a multiband dipole fed with an open wire feedline thru a mfj tuner and 4:1 balun. Shortly after buying the radio and tuner,I had problems tuning on 10 and 12 meters.At first I thought the tuner was at fault,but after reading all the messages about high SWR and blown finals I some experimenting.Attempting to tune up above 29 Mhz was impossible.SWr and power went right of the scale,even with power turned all the way down.Frequency counter placed next to the open wire feedline did not show 29 Mhz but something abt. half of that,14,XXX Mhz.so there was some parasitic oscillation happening here.I have made the following modifications:first of all I removed the LPF board and cleaned and tinned all 5 mounting poits under the board in order to get better grounding.This helped somewhat,but it was far from perfect yet.Than I did the mod.as is picured on this webside with the copper straps screwed on to the centre rib.Rig is now rock stable and will tune any frequency up to 29.700 Mhz.To keep the V/U finals from destroying themselves I have cleaned all solder connections at srf 7043,there was a lot of solder flux left on them.I have also added a 68 Ohm resistor between the negative fan wires and ground in order to keep the fans running at low speed.rig stays nice and cool even after long periods of receive in VHF.And last I have added an extra ground strap from the centre rib to the coax connector J3001 on the PA board.Hopefully this will keep the V/U final amp from destroying itself,I am convinced that these also die because of a ground loop or parasitic oscillation,since several people have reported them blowing in receive.Hope this wil be helpfull.
73 ve5hfd
--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
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> displaying a false representation". Either that statement was a lie
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> > Daniel
> > kg4dni

# 12246. Re: [FT100] Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 13:50:12 UTC
From: Albert Furlow
Topic: 12232  Message: 12246

how did you, and what did you use clean the flux up with? KA1FFO
----- Original Message -----
From: hfolgering
To: FT100@yahoogroups.com
Sent: Monday, February 11, 2002 22:24 PM
Subject: [FT100] Re: spurious oscillation design flaw in FT-100D

I use my ft100 mainly as a base station.antenna is a multiband dipole fed with an open wire feedline thru a mfj tuner and 4:1 balun. Shortly after buying the radio and tuner,I had problems tuning on 10 and 12 meters.At first I thought the tuner was at fault,but after reading all the messages about high SWR and blown finals I some experimenting.Attempting to tune up above 29 Mhz was impossible.SWr and power went right of the scale,even with power turned all the way down.Frequency counter placed next to the open wire feedline did not show 29 Mhz but something abt. half of that,14,XXX Mhz.so there was some parasitic oscillation happening here.I have made the following modifications:first of all I removed the LPF board and cleaned and tinned all 5 mounting poits under the board in order to get better grounding.This helped somewhat,but it was far from perfect yet.Than I did the mod.as is picured on this webside with the copper straps screwed on to the centre rib.Rig is now rock stable and will tune any frequency up to 29.700 Mhz.To keep the V/U finals from destroying themselves I have cleaned all solder connections at srf 7043,there was a lot of solder flux left on them.I have also added a 68 Ohm resistor between the negative fan wires and ground in order to keep the fans running at low speed.rig stays nice and cool even after long periods of receive in VHF.And last I have added an extra ground strap from the centre rib to the coax connector J3001 on the PA board.Hopefully this will keep the V/U final amp from destroying itself,I am convinced that these also die because of a ground loop or parasitic oscillation,since several people have reported them blowing in receive.Hope this wil be helpfull.
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>
> --- In FT100@y..., Ham_Tech@j... wrote:
> > Hi guys/gals,
> >
> > I just talked to a Vertex Standard rep.
> >
> > I was confused about the reason of the FT-100D having mods to add.
> >
> > He explained that instead of Yaesu calling the repairments the
> radio; "fixings" (change out components for new ones: Yaesu would
> call them "modifications" or "mods" (adding new components to the
FT-
> 100D board/modules.
> >
> > I also asked about the Hi SWR icon problem. He said that the
> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of
> his own words he said, "We would take the radios and open them up to
> find this problem to be false. Then they would call it stupid
> (mainly frustrations to a repeated problem) and slap it around a bit
> to make it work correctly (I assume that they do some reprogramming
> of or replacement of the chip), then send it back to the owner."
> >
> > He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
> >
> > I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their
> production department, which the Rep. mentioned.)
> >

> > Here is how to see if it is the latest model:
> >
> > Open up the cover and look for brass fittings on the inside...of
> the lids and boards.
> >
> > I hope that this has helped you. And to Lee Devlin, this guy
> thinks that you have a pretty cool site with the modification links.
> >
> > Daniel
> > kg4dni

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[Non-text portions of this message have been removed]

# 12247. W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 13:51:04 UTC
From: k4sah
Topic: 12247  Message: 12247

If W8JW is around, or if someone else knows, I would like to know
what bracket is being used to attach the ATAS to the luggage rack?

Also, does the owner feel if this is a sturdy installation?

Thanks,
Steve/K4SAH

# 12248. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 15:49:10 UTC
From: w1pa
Topic: 12247  Message: 12248

--- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> If W8JW is around, or if someone else knows, I would like to know
> what bracket is being used to attach the ATAS to the luggage rack?
>
> Also, does the owner feel if this is a sturdy installation?
>
> Thanks,
> Steve/K4SAH

I'm using a Diamond K550KM on my Subaru wagon luggage rack. So far no problem structurally (it does suffer form the loose center pin syndrome, and I'm going to put the small spring in the center pin socket for good contact). I think any SO239 mount will suffer that over time.

Bill
w1pa

# 12249. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 15:50:15 UTC
From: w1pa
Topic: 12247  Message: 12249

--- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> If W8JW is around, or if someone else knows, I would like to know
> what bracket is being used to attach the ATAS to the luggage rack?
>
> Also, does the owner feel if this is a sturdy installation?
>
> Thanks,
> Steve/K4SAH

Forgot the link: http://www.rfparts.com/diamond/k601.html#550km

Bill
w1pa

# 12250. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 15:55:17 UTC
From: w1pa
Topic: 12247  Message: 12250

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> > If W8JW is around, or if someone else knows, I would like to know
> > what bracket is being used to attach the ATAS to the luggage rack?
> >
> > Also, does the owner feel if this is a sturdy installation?
> >
> > Thanks,
> > Steve/K4SAH
>
> Forgot the link: http://www.rfparts.com/diamond/k601.html#550km
>
> Bill
> w1pa

Sorry... one more: This mount is designed for ground-independent
antennas. You'l need a good ground strap from the base to the chasis
or rack.

Bill
W1PA

# 12251. Re: [FT100] Digest Number 1102

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 16:10:31 UTC
From: Jan and/or Len Peak
Topic: 12251  Message: 12251

```
----- Original Message -----
From: <FT100@yahoogroups.com>
To: <FT100@yahoogroups.com>
Sent: Monday, February 11, 2002 11:29 AM
Subject: [FT100] Digest Number 1102

> SPAM: -------------------- Start SpamAssassin
results ----------------------
> SPAM: This mail is probably spam. The original message has been altered
> SPAM: so you can recognise or block similar unwanted mail in future, using
> SPAM: the built-in mail filtering support in your mail reader.
> SPAM:
> SPAM: Content analysis details: (9.3 hits, 8 required)
> SPAM: Hit! (1.2 points) From: does not include a real name
> SPAM: Hit! (1.6 points) From: ends in numbers
> SPAM: Hit! (0.8 points) BODY: Contains a line >=199 characters long
> SPAM: Hit! (3.9 points) BODY: List removal information
> SPAM: Hit! (1.8 points) From and To the same address
> SPAM:
> SPAM: -------------------- End of SpamAssassin
results ----------------------
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
> ------------------------------------------------------------------------
>
> There are 13 messages in this issue.
>
> Topics in this digest:
>
> 1. WTB FT100D
> From: "spizzed" <in8intel@...>
> 2. RE: TX Mod
> From: "freddo" <freddo@...>
> 3. Re: Ford Explorer
> From: "k1sjc" <k1sjc@...>
> 4. Re: Active Mobilers
> From: "n9cv" <kgb@...>
> 5. Re: WTB FT100D
> From: "David B. Rogers" <dr7zyq@...>
```

> 6. Re: Re: Ford Explorer
> From: lhlousek <lhlousek@...>
> 7. FT-100 Manual
> From: "ve7baq" <carls@...>
> 8. Re: Ford Explorer
> From: "kg4fet" <kg4fet@...>
> 9. Re: Ford Explorer
> From: "hanksterrus" <hanksterr@...>
> 10. Re: Ford Explorer
> From: "Jeff kb2m" <kb2wqm@...>
> 11. Re: Active Mobilers
> From: Mike May <mike.may@...>
> 12. Re: Ford Explorer
> From: "Christian M. Fisher" <cfisher1@...>
> 13. Re: Active Mobilers
> From: "backhoefade" <cgarner@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Mon, 11 Feb 2002 02:08:16 -0000
> From: "spizzed" <in8intel@...>
> Subject: WTB FT100D
>
> Looking fer FT 100D in Top Condition.
> PSe Email
> TNX D.F.Kritzberg
> KF4UOD
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Sun, 10 Feb 2002 20:38:44 -0500
> From: "freddo" <freddo@...>
> Subject: RE: TX Mod
>
> Works fine on my FT100. Just be very careful when performing the reset
> song and dance. Follow the
> instructions exactly, or the mod won't work.
>
> Fred VA3FD
>
> -----Original Message-----
> From: Aaron [mailto:k8arn@...]

> Sent: Sunday, February 10, 2002 9:13 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] TX Mod
>
>
> the extended tx mod..thanks
>
>
> --- Howard Cunningham <howardc@...> wrote:
> > K8arn:
> >
> > What TX mod?
> >
> > hc
> >
> > Howard Cunningham
> > MACRO Systems, LLC
> > 3867 Plaza Drive
> > Fairfax, VA 22030
> >
> > (703) 359-9211
> > (703) 591-0446 (F)
> > www.macrollc.com
> >
> > howardc@...
> > for service: service@...
> >
> >
> > >>> "k8arn" <k8arn@...> 02/10/02 08:43PM >>>
> > Has anyone got the mod to work...Ive tried it a
> > couple times with no
> > luck
> >
> >
> >
> >
> >
> >
> >
>
>
> _____
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> <http://rd.yahoo.com/M=221000.1882886.3382503.1261774/D=egroupweb/S=1705
> 063108:HM/A=965714/R=0/O=1/I=brandr-promo-flowersale-alerts-lrecm/*http:
> //shopping.yahoo.com/promotions/flowers/index.html>
>
> <http://us.adserver.yahoo.com/l?M=221000.1882886.3382503.1261774/D=egrou
> pmail/S=1705063108:HM/A=965714/rand=621451142>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/> .
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Mon, 11 Feb 2002 04:23:59 -0000
> From: "k1sjc" <k1sjc@...>
> Subject: Re: Ford Explorer
>
> Hi Lou,
>
> You've got a bunch of suggestions here - I didn't read them all -
> but I have a 4 door 97 Explorer XLT. If you have the same type -
> consider doing what I did... I located the remote head mount in the
> upper cubby hole of the dash - supporting it from the top of the
> cubby hole (remove the cubby hole ass'y for ease of install). It
> fits nicely there. The radio itself was harder to do - but I found
> that removing the carpet clip from the fold down driver's side rear
> seat / rear floor allowed me to drill the steel plate to mount the
> radio to it. This allowed for air circulation in the space when the
> seat is or down. Just lay it all out so that it fits when the seat
> is down. You'll find it is undetectable and complete safe from harm
> if you take the time to lay it out completely. I did however find
> that I needed to lay a 2"x4"x12" between the seat and the plate so
> that the plate didn't press the radio into the seatback - but rather
> rested on the 2x4. I have uploaded pics of the radio mounting.
>

> 73
>
> Steve k1sjc
>
>
>
> >
> > Thanks for the info. I considered putting the box back there but
> the rear
> > windshield washer reservoir and an electric module of some sort is
> back there on
> > my Explorer and there doesn't look to be enough room. Where is
> the cable
> > channel that runs from front to back? My ATAS will be mounted on
> the front left
> > fender so I'd have to run the power and feedline back there and
> then the mike,
> > key line, head and speaker cables back up front.
> >
> > Lou W7DZN
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 4
> Date: Mon, 11 Feb 2002 05:33:11 -0000
> From: "n9cv" <kgb@...>
> Subject: Re: Active Mobilers
>
> What is 2mtr fm? Is this some new kind of mode like PSK31 or
> something?
>
> Just kidding.
>
> My FT-100 has never been tuned to any frequency higher than 6 meters
> and has never transmitted on any frequency higher the 10 meters. I
> do not even have an antenna connected to the UHF/VHF connector.
> Maybe I ought to build an antenna and try out this "new mode"
>
> I do have a second 2 meter/440 radio in my vehicle that I turn on
> occasionally. Usually this is to listen to the National Weather
> Service on 162mhz. The FT-100 is always on and tuned to HF whenever
> the ignition switch is turned on in my Blazer.
>
> Why would anyone buy an FT-100 and only use it on UHF/VHF. Isn't
> that like buying an Greyhound Bus and only using the back seat?
>
> Ken - N9CV

>
>
> --- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> > Personally, If I wanted to just go FM mobil, I would have used my
> FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> other FT-100 users???
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 5
> Date: Sun, 10 Feb 2002 20:38:51 -0800
> From: "David B. Rogers" <dr7zyq@...>
> Subject: Re: WTB FT100D
>
> I have one that I just bought -- literally -- less than a
> month ago. It has the AM filter installed by AES. I was
> going to set it up as a mobile for travel, but plans have
> changed. I paid $819.00 plus $140.00 for the filter
> installed, for a total of $959.00 plus shipping. I would
> take $815.00 for it, shipped within the USofA (I figure
> $800.00 plus $15.00 shipping). It is literally like new
> because it is new.
>
> David, WA7ZYQ
>
> spizzed wrote:
> >
> > Looking fer FT 100D in Top Condition.
> > PSe Email
> > TNX D.F.Kritzberg
> > KF4UOD
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
>
> --
>

> "Them that's got is them that gets, but how you get the
> first is still a mystery to me."
> Ray Charles
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 6
> Date: Sun, 10 Feb 2002 22:12:08 -0800
> From: lhlousek <lhlousek@...>
> Subject: Re: Re: Ford Explorer
>
> I checked out the pix you uploaded. Mounting the box on the flap is a
clever
> idea and something that hadn't occured to me. It should work in the same
in my
> 97. I'll have to take a look at it.
>
> Lou W7DZN
>
> ----- Original Message -----
> From: "k1sjc" <k1sjc@...>
> To: <FT100@yahoogroups.com>
> Sent: Sunday, February 10, 2002 8:23 PM
> Subject: [FT100] Re: Ford Explorer
>
>
> > Hi Lou,
> >
> > You've got a bunch of suggestions here - I didn't read them all -
> > but I have a 4 door 97 Explorer XLT. If you have the same type -
>
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 7
> Date: Mon, 11 Feb 2002 07:05:37 -0000
> From: "ve7baq" <carls@...>
> Subject: FT-100 Manual
>
> I downloaded the FT-100 pages from Daniel's web page and saved them
> to a separate directory as he suggested. Now to put them to the best
> use!
> I inserted them into my wordprocessor and then printed them but with

> a difference. I printed them with my wordprocessor (WordPerfect)
> with the pages in landscape format. This allows me to insert two
> manual page images on one sheet. I then save each page under a
> convenient file name (such as Page 2&3, Page 4&5) etc.
> The front cover and the Contents and Specifications were each saved
> on a page by themselves with appropriate filenames.
> When I print, I turn the paper over and print the next two images on
> the other side but I rotate the paper so that when I look at them I
> have four booklet pages on one sheet of paper. (Print on both
> sides of the paper). This allows me to print the whole booklet using
> only around twenty-eight sheets of paper.
> I then place them in plastic sheet holder and keep them in a loose
> leaf binder. The front cover page is inserted in a clear pocket on
> the front of the binder so it identifies the book. And the inside
> sheets are mounted in so that when the book is open, I can view four
> booklet images at a time without turning it around. (Just like a flip
> chart). The plastic sheets keep them from tearing at the ring binder
> holes and also helps keep them clean.
> I also included a few extra plastic sheet holders at the end of the
> binder for keeping any mods, notes etc., so now I have a complete
> manual to take with me when we go vacationing etc., in our trailer
> and the original is safe at home. Like many others have said, the
> manual can get very dog-eared after a while and this will help. By
> the way, the manuals for the FT-100 and the FT-100D are almost
> identical, so this is a great way to store it.
> Thank you all for all the work to not only put the manual on the web
> this way but also the other one in PDF format. They are a great
> convenience.
>
> Einar VE7BAQ
> E-mail carls@...
>
>
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 8
> Date: Mon, 11 Feb 2002 11:10:49 -0000
> From: "kg4fet" <kg4fet@...>
> Subject: Re: Ford Explorer
>
> Good Morning,
> I am wondering if you could put the RF deck under back seat and using
> the remote kit mount the head, mic, and speaker in spots easy to
> access spots? I use mine as a slip seated rig. The RF deck is on a
> hump mount and the remoted on a bracket I bent out of flat steel that

> located right above the rear view mirrior so to make any adjustments
> I do not have to take my eyes off the road.
> 73 and all the best
> DE KG4FET Sandor
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 9
> Date: Mon, 11 Feb 2002 12:37:21 -0000
> From: "hanksterrus" <hanksterr@...>
> Subject: Re: Ford Explorer
>
> --- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> > OK you guys, I have no problem figuring out what to do with the
> head. I plan
> > on mounting the head (and paddles), one way or another, just off
> the end of the
> > center arm rest so I can easily twirl the VFO and operate the rig
> as I drive.
> > It's the box I can't find a good spot for which is surprising
> considering how
> > small it is. Keeping them joined and mounting the whole rig over
> the center
> > console isn't a bad idea but I was hoping for something a little
> cleaner. It
> > looks to be possible to mount the box where I originally had hoped
> to, below the
> > driver's side dash, but it's going to be tight and rigging up a
> mount is going
> > to be tricky. I'll keep pondering my options.
> >
> > Lou W7DZN My radio is in a tupperware container in the rear of my
> chevy blazer with some venting cut into it. That way nothing can
> damage it and it just looks like some storage to anyone peeking
> inside.the head is mounted on the dash with double sided tape.
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 10
> Date: Mon, 11 Feb 2002 10:48:55 -0500
> From: "Jeff kb2m" <kb2wqm@...>
> Subject: Re: Ford Explorer
>

> Just posted 3 pics to the 97 explorer installation pic area. Ft-100 is
on stalk I picked up several years ago at local stereo shop. Mic mount and
D-700 mount's simply slide into the cracks between the dash components. I
have a keyboard attached to the D-700 running APRS. I can log my mobile DX
contacts by sending an APRS message containing the contact info to my home
APRS station. When I get home I then enter them in my main log. I used
stanless screws to attach the mount to the side if the transmission hump.
When you put the screws in , check clearences carefully. I used screws about
1.5 inches long. Power is run directly from the battery, through one of the
rubber plug's in the firewall. D-700 body is just to the left of the
console.
>
> 73 Jeff kb2m
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 11
> Date: Mon, 11 Feb 2002 08:18:51 -0700
> From: Mike May <mike.may@...>
> Subject: Re: Active Mobilers
>
> I use mine for HF/6 meters and VHF/UHF satellites when mobile. So when
> my V/U PA went out I felt like I was only using half of its potential.
>
>
> Mike
> WB8VLC/7
> w5xv@..." wrote:
>
> > Personally, If I wanted to just go FM mobil, I would have used my
> > FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> > other FT-100 users???
> > 10%????
> > ----- Original Message -----
> > From: russthom@...
> > To: FT100@yahoogroups.com
> > Sent: Friday, February 08, 2002 9:14 AM
> > Subject: [FT100] Active Mobilers
> >
> >
> > Prez Wrote:
> >

> > >700,000 US hams
> > >70% active
> > >40% active mobile
> >
> > You assume that all 40% of the mobilers are worried
> > about ignition noise? Frankly, In my experience, the
> > only people worried about ignition noise are HF types.
> > FMers, like me, usually don't worry about ignition noise
> > as FM is fairly immune from ignition noise. Those I
> > know that have it usually can knock it out with a filter
> > in the power line. This is not easily done with the HF
> > rigs pulling 20 amps.
> >
> > I think you'll find the HF mobiler percentage much less
> > than 10%. at 10% of the active hams worried about
> > ignition noise, that breaks down to 61 cars / car type.
> > Not enough to make a manufacturer change design.
> >
> > We are fast to say that interception of unwanted radio
> > signals on TVs, etc is the fault of the receiver, yet,
> > our receivers can't take spurious emissions either.
> > Sounds hypocritical to me
> >
> > DE KX5G
> >
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> >
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
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> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
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> 
> 
> > 
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > 
> > We are all a part of this Lets make it as good as possible.
> > 
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> [Wulfsberg Electronics Division; Prescott, Arizona USA]
> 
> 
> 
> [Non-text portions of this message have been removed]
> 
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 12
> Date: Mon, 11 Feb 2002 07:40:52 -0600
> From: "Christian M. Fisher" <cfisher1@...>
> Subject: Re: Ford Explorer
> 
> Mark,
> 
> Where is the grommet located on the firewall? Looking at my explorer

(1999), I don't see an easy access route into the vehicle. Getting ready to mount the radio permanently.
>
> Chris,
> KB2SEN
> ----- Original Message -----
> From: MJ
> To: FT100@yahoogroups.com
> Sent: Sunday, February 10, 2002 05:43 PM
> Subject: Re: [FT100] Ford Explorer
>
>
>
>
> "Bruce A. Chambers" wrote:
> >
> > Another problem
> > is
> > snaking in the wires from the battery. There is no easy access to the
> > firewall. PLEASE-if you drill a hole be careful--there are modules all
> > over the place.
>
> No need to drill a hole.
> There is a very large grommet that feed a small cable through the
> firewall. It has a good inch or so one each side that you can simply
> poke a hole in to feed the power cable through. Just remember to fuse
> it at the battery with a fuse for both the positive and negative sides.
>
> 73s
> Mark
> AB0HJ
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 13
> Date: Mon, 11 Feb 2002 17:23:21 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: Active Mobilers
>
> I don't recommend using the FT-100D in the back of the bus; the
> engine EMI is really awful!
>
> Joe Wheelbrake
> retired bus driver / ham
>
>
>
> --- In FT100@y..., "n9cv" <kgb@i...> wrote:
> > What is 2mtr fm? Is this some new kind of mode like PSK31 or
> > something?
> >
> > Just kidding.
> >
> > My FT-100 has never been tuned to any frequency higher than 6
> meters
> > and has never transmitted on any frequency higher the 10 meters. I
> > do not even have an antenna connected to the UHF/VHF connector.
> > Maybe I ought to build an antenna and try out this "new mode"
> >
> > I do have a second 2 meter/440 radio in my vehicle that I turn on
> > occasionally. Usually this is to listen to the National Weather
> > Service on 162mhz. The FT-100 is always on and tuned to HF
> whenever
> > the ignition switch is turned on in my Blazer.
> >
> > Why would anyone buy an FT-100 and only use it on UHF/VHF. Isn't
> > that like buying an Greyhound Bus and only using the back seat?
> >
> > Ken - N9CV
> >
> >
> > --- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> > > Personally, If I wanted to just go FM mobil, I would have used my
> > FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> > other FT-100 users???
>

>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> Anyone use the Heil Gold Line Mike system with boom
in a base situation ? If so how does it work out for you ?
Sound ok to those on the other end? 73 to the group,
Len N9HKG
>
>

# 12252. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 16:49:13 UTC
From: Pres Waterman
Topic: 12141  Message: 12252

> I found it interesting once when I read someone's message where he
> expressed huge dis-satisfaction with most HF rigs' noise blanker
> performance on AM as well as SSB. His "point" was posed in the
> question, "Why the heck can't the amateur gear manufacturers come up
> with a decent noise blanker in a $1000 rig while my cheapo AM radio
> in my car picks up AM broadcast stations without any ignition or
> other noise whatsoever!". The reason is not that the cheap car radio
> has a better noise blanker. For that matter it probably has a very
> poor noise reduction function. The difference is in the basic
> receive signal level and the resultant signal to interfering noise
> ratio. When you tune in a local AM broadcast station you're looking
> at a typical S9+60 or better signal level (S9+60 is a -13 dBm level;
> a huge level). While your typical ham signal may be around S7 which
> is -85 dBm. So for a given background ignition noise (or other
> source) level, the signal to noise ratio for the commercial station
> case is 72 dB greater. Go park under an overpass while listening to
> a relatively strong AM broadcast station in order to drop the receive
> signal level by a good amount and then you'll start hearing all the
> noise that's really there. The blanker in the FT-100D is an
> excellent performer.

I don't agree. There is NO pop-pop-pop when listening to weak AM or FM signals ( I regularly listen to non-local stations because on Long Island there are less than NYC stations 60 miles away.

I have no idea why, but perhaps the noise is diminished below 2MHz, maybe the very wideband nature of FM BCB doesn't respind, maybe the receivers are better somehow.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12253. Re: [FT100] SWR Question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 16:58:07 UTC
From: Pres Waterman
Topic: 12236  Message: 12253

> OK, so maybe I missed something. What does the
> SWR icon with the O or 0(zero) mean? I get that
> on my FT-100 from time to time.

"O"Key-dokey!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12254. Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 17:23:53 UTC
From: Steve Hammond
Topic: 12247  Message: 12254

Sorry, guess I left part of the info out.

In the photo section there is a picture of an installation of an ATAS 100 on a Durango luggage rack by W8JW. This mount does not appear to be the diamond mount. It may be homemade or modified. Almost looks like a mount from radio shack that was made for a 3/8" stub. It appears to be very heavy duty.

But since the diamond mount was mentioned, is it heavy enough to hold the ATAS 100 up at highway speeds? Spec says it has a length limit of 45 inches.

Thanks,
Steve/K4SAH

>
> From: "w1pa" <w1pa@...>
> Date: 2002/02/12 Tue AM 10:50:15 EST
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: W8JW Durango Installation
>
>

# 12255. Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 17:28:21 UTC
From: backhoefade
Topic: 12141  Message: 12255

Interesting. Can't explain the weak siganl AM noise performance you describe. I would guess that the signal strengths are still pretty strong.

As an aside, I used to live in Chappaqua, right down the street from Clinton's new residence. I know the road where his pup recently was run over. You turn left out of our old driveway and go up Bedford Road about 1/2 mile.

I would say the FM is quiet because most noise that you pick up in a car is amplitude varying in nature so the FM detector simply doesn't respond to it.

My wife owns an Explorer so I may have questions for you in the future if I try putting the FT-100D in there.

73's Chas

--- In FT100@y..., "Pres Waterman" <presw@1...> wrote:
>
>
> > I found it interesting once when I read someone's message where he
> > expressed huge dis-satisfaction with most HF rigs' noise blanker
> > performance on AM as well as SSB. His "point" was posed in the
> > question, "Why the heck can't the amateur gear manufacturers come
up
> > with a decent noise blanker in a $1000 rig while my cheapo AM
radio
> > in my car picks up AM broadcast stations without any ignition or
> > other noise whatsoever!". The reason is not that the cheap car
radio
> > has a better noise blanker. For that matter it probably has a
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> > poor noise reduction function. The difference is in the basic
> > receive signal level and the resultant signal to interfering noise
> > ratio. When you tune in a local AM broadcast station you're
looking
> > at a typical S9+60 or better signal level (S9+60 is a -13 dBm
level;
> > a huge level). While your typical ham signal may be around S7
which
> > is -85 dBm. So for a given background ignition noise (or other
> > source) level, the signal to noise ratio for the commercial
station
> > case is 72 dB greater. Go park under an overpass while listening
to

> > a relatively strong AM broadcast station in order to drop the
receive
> > signal level by a good amount and then you'll start hearing all
the
> > noise that's really there. The blanker in the FT-100D is an
> > excellent performer.
>
>
> I don't agree. There is NO pop-pop-pop when listening to weak AM or
FM
> signals ( I regularly listen to non-local stations because on Long
Island
> there are less than NYC stations 60 miles away.
>
> I have no idea why, but perhaps the noise is diminished below 2MHz,
maybe
> the very wideband nature of FM BCB doesn't respind, maybe the
receivers are
> better somehow.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

# 12256. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 17:57:16 UTC
From: w1pa
Topic: 12247  Message: 12256

--- In FT100@y..., Steve Hammond <1hammond@b...> wrote:
> Sorry, guess I left part of the info out.
>
> In the photo section there is a picture of an installation of an ATAS 100 on a Durango luggage rack by W8JW. This mount does not appear to be the diamond mount. It may be homemade or modified. Almost looks like a mount from radio shack that was made for a 3/8" stub. It appears to be very heavy duty.
>
> But since the diamond mount was mentioned, is it heavy enough to hold the ATAS 100 up at highway speeds? Spec says it has a length limit of 45 inches.
>
> Thanks,
> Steve/K4SAH

I went to the files folder and found that link. It looks like a standard RadioShack CB mirror mount with longer bolts. Users have been using one of those, and reversing the SO239-3/8 connector (i.e. the SO239 is mounted up for the ATAS, the 3/8-24 thread is mounted down, and you pigtail your coax, connecting the center to the 3/8 thread, and the ground to the mount).

I saw the 45" rating, too. All I can say is that I have been using it for a month now with no issues. I commute 45 miles each way to work at highway+ speeds. Your performance may vary. Use at your own risk.

Bill
W1PA

# 12257. Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 18:03:51 UTC
From: Steve Hammond
Topic: 12247  Message: 12257

Bill:

Thanks for the info. Just wanted to make sure we were talking about the same thing. Got any pictures of your install?

Thanks and 73
Steve/K4SAH

# 12258. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 18:55:14 UTC
From: w1pa
Topic: 12247  Message: 12258

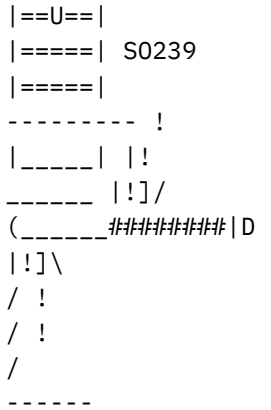
--- In FT100@y..., Steve Hammond <1hammond@b...> wrote:
> Bill:
>
> Thanks for the info. Just wanted to make sure we were talking
about the same thing. Got any pictures of your install?
>
> Thanks and 73
> Steve/K4SAH

My only digital capabilities are a first-generation digital camera (600x800 res?), but I'll see what I can get.

I actually had a fortuitous fail on one of my K550 mounts before I got the ATAS (I have a 2m/440 antenna on one side, and the ATAS on the other side of the luggage rack of a Subaru Legacy Wagon --- an Outback without the steroids). I went to loosen the tilt-over knob and it froze (5 or so winters, salt, etc). I muscled it with pliers and wound up breaking the head off the tightening knob/bolt. Drilled out the remainder. I found that a threaded stainless I-bolt (the kind where the bolt loops around on the end to a full loop:

O===

...fit under the SO239 and through the remaining hole, and then I put a large stainless fender washer over where the old knob was, then a wingnut, and then an acorn/end nut over the end of the bolt to keep from catching clothes/birds/passing squirrels. Well, it was easy enough to add a spade connector on the end of a ground strap between the washer and the wingnut, and then connect the other end to a spade and screw it down to the luggage rack with a stainless machine screw (and coat that end with liquid electrical tape). The whole thing actually works quite well. I'll see if I can get some acceptable shots of it.



Bill
W1PA

# 12259. Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 18:58:10 UTC
From: w1pa
Topic: 12247  Message: 12259

One more try on the sketch.... yahoo eats leading spaces.

```
> |==U==|
> |=====| SO239
> |=====|
> --------- !
> |_____| |!
> ______ |!]/
> (______#########|D
> |!]\
> / !
> / !
> /
> ------
```

# 12260. Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 19:17:03 UTC
From: Steve Hammond
Topic: 12247  Message: 12260

Thanks for the info. Good picture and idea on the eyebolt. Understand exactly what you were talking about when I saw your drawing.

No problem if you can't get the pics. I just like to see what someone else has done and steal their ideas, uh I mean benefit from their experience.

Thanks again,
Steve

>
> From: "w1pa" <w1pa@...>
> Date: 2002/02/12 Tue PM 01:58:10 EST
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: W8JW Durango Installation
>
>

[Non-text portions of this message have been removed]

# 12261. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 19:32:21 UTC
From: The Simpsons
Topic: 12141  Message: 12261

There are no noise reduction features in car radios at all. I just checked the specifications of my Sony receiver and it has a sensitivity of 30 microvolts (-78dBm) on AM. This appears to be the level at which the signal drops below the AGC range of the receiver. Most other car radios I have checked in the past have similar sensitivity. I often travel to areas where there are no AM signals strong enough to be received at all. In these areas, many vehicles do suffer from ignition interference or noise problems from the alternator, fuel injectors, instrument regulators etc. Its no wonder that the FT100 appears to be poor in noise reduction when it is responding to signals at upto 30 or 40dBm lower in level. The FT100 noise blanker does a superb job on impulse noise.
On FM broadcast signals, the Sony receiver is specified at a useable sensitivity of 12dBf (no explanation of what the f reference is!) Quick measurements of other typical car receivers on FM broadcast have shown a typical sensitivity of about -85dBm for useable signals.
What this means is the car radio is just not sensitive in amany cases to hear the noise. A case of when a poor receiver appears to be better than a very good one.
The noise blanker has to do its work before the narrow filters in the FT100 (or any other radio) so its a compromise between effectiveness and intermodulation / crossmodulation problems with strong signals that would be outside the filter passband. Yaesu seem to have got it right in the FT100.

Grant, ZL2BK.

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 13, 2002 5:49 AM
Subject: Re: [FT100] Re: Active Mobilers

>
>
> > I found it interesting once when I read someone's message where he
> > expressed huge dis-satisfaction with most HF rigs' noise blanker
> > performance on AM as well as SSB. His "point" was posed in the
> > question, "Why the heck can't the amateur gear manufacturers come up
> > with a decent noise blanker in a $1000 rig while my cheapo AM radio
> > in my car picks up AM broadcast stations without any ignition or
> > other noise whatsoever!". The reason is not that the cheap car radio
> > has a better noise blanker. For that matter it probably has a very
> > poor noise reduction function. The difference is in the basic
> > receive signal level and the resultant signal to interfering noise
> > ratio. When you tune in a local AM broadcast station you're looking
> > at a typical S9+60 or better signal level (S9+60 is a -13 dBm level;
> > a huge level). While your typical ham signal may be around S7 which

> > is -85 dBm. So for a given background ignition noise (or other
> > source) level, the signal to noise ratio for the commercial station
> > case is 72 dB greater. Go park under an overpass while listening to
> > a relatively strong AM broadcast station in order to drop the receive
> > signal level by a good amount and then you'll start hearing all the
> > noise that's really there. The blanker in the FT-100D is an
> > excellent performer.
>
>
> I don't agree. There is NO pop-pop-pop when listening to weak AM or FM
> signals ( I regularly listen to non-local stations because on Long Island
> there are less than NYC stations 60 miles away.
>
> I have no idea why, but perhaps the noise is diminished below 2MHz, maybe
> the very wideband nature of FM BCB doesn't respind, maybe the receivers
are
> better somehow.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

# 12262. Re: [FT100] Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 13:03:04 UTC
From: Paul Manuel
Topic: 12232  Message: 12262

--- Bob Cheek <wb4eje@...> wrote:
> To all,
>
> I was given a similar explaination of the "Hi SWR" mod
> from Yaesu's Repair Supervisor. His story was that
> the SWR sensing circuits were too sensitive and that
> the modifications (Adding grounds and moving some
> wires and ty-wraping them together) make the SWR
> sensing circuits less sensitive. He insisted there is
> no problem with spurious oscillations in the FT-100.
The scary part of all this is, that the lower-level techs at Yaesu may actually BELIEVE what they are saying, and not really know what they are fixing!!
Folks, if you notice the spurious beginning during a transmission, you'd better unkey immediately (especially if it occurs on VHF/UHF!) If you are bench testing, keep the rig in transmit for only very short periods of time!!
73,
Paul K4PDM

---------------------------------------------------
Do You Yahoo!?
Send FREE Valentine eCards with Yahoo! Greetings!
http://greetings.yahoo.com

# 12263. Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 20:11:03 UTC
From: backhoefade
Topic: 12141  Message: 12263

So I was right in that the AM broadcast are simply much stronger generally than many ham signals. Thanks for the confirmation.

Your comments about the noise blanker are interesting. It would be nice to have a tracking bandpass filter on the front end. We do that in the Gigahertz area with YIG filters. Just would be nice to have some band limiting before the first active element; but with a low insertion loss so we don't ruin our noise figure. You might be interested in my posting regarding "receiver sensitivity". Don't have the message number but it should be found by entering the topic into the search box.

--- In FT100@y..., "The Simpsons" <grant@s...> wrote:
> There are no noise reduction features in car radios at all. I just checked
> the specifications of my Sony receiver and it has a sensitivity of 30
> microvolts (-78dBm) on AM. This appears to be the level at which the signal
> drops below the AGC range of the receiver. Most other car radios I have
> checked in the past have similar sensitivity. I often travel to areas where
> there are no AM signals strong enough to be received at all. In these areas,
> many vehicles do suffer from ignition interference or noise problems from
> the alternator, fuel injectors, instrument regulators etc. Its no wonder
> that the FT100 appears to be poor in noise reduction when it is responding
> to signals at upto 30 or 40dBm lower in level. The FT100 noise blanker does
> a superb job on impulse noise.
> On FM broadcast signals, the Sony receiver is specified at a useable
> sensitivity of 12dBf (no explanation of what the f reference is!) Quick
> measurements of other typical car receivers on FM broadcast have shown a
> typical sensitivity of about -85dBm for useable signals.
> What this means is the car radio is just not sensitive in amany cases to
> hear the noise. A case of when a poor receiver appears to be better than a
> very good one.

> The noise blanker has to do its work before the narrow filters in
the FT100
> (or any other radio) so its a compromise between effectiveness and
> intermodulation / crossmodulation problems with strong signals that
would be
> outside the filter passband. Yaesu seem to have got it right in the
FT100.
>
> Grant, ZL2BK.
>
> ----- Original Message -----
> From: "Pres Waterman" <presw@1...>
> To: <FT100@y...>
> Sent: Wednesday, February 13, 2002 5:49 AM
> Subject: Re: [FT100] Re: Active Mobilers
>
>
> >
> >
> > > I found it interesting once when I read someone's message where
he
> > > expressed huge dis-satisfaction with most HF rigs' noise blanker
> > > performance on AM as well as SSB. His "point" was posed in the
> > > question, "Why the heck can't the amateur gear manufacturers
come up
> > > with a decent noise blanker in a $1000 rig while my cheapo AM
radio
> > > in my car picks up AM broadcast stations without any ignition or
> > > other noise whatsoever!". The reason is not that the cheap car
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> > > has a better noise blanker. For that matter it probably has a
very
> > > poor noise reduction function. The difference is in the basic
> > > receive signal level and the resultant signal to interfering
noise
> > > ratio. When you tune in a local AM broadcast station you're
looking
> > > at a typical S9+60 or better signal level (S9+60 is a -13 dBm
level;
> > > a huge level). While your typical ham signal may be around S7
which
> > > is -85 dBm. So for a given background ignition noise (or other
> > > source) level, the signal to noise ratio for the commercial
station
> > > case is 72 dB greater. Go park under an overpass while
listening to
> > > a relatively strong AM broadcast station in order to drop the
receive
> > > signal level by a good amount and then you'll start hearing all
the

> > > noise that's really there. The blanker in the FT-100D is an
> > > excellent performer.
> >
> >
> > I don't agree. There is NO pop-pop-pop when listening to weak AM
or FM
> > signals ( I regularly listen to non-local stations because on
Long Island
> > there are less than NYC stations 60 miles away.
> >
> > I have no idea why, but perhaps the noise is diminished below
2MHz, maybe
> > the very wideband nature of FM BCB doesn't respind, maybe the
receivers
> are
> > better somehow.
> >
> > Thanks
> >
> > Pres Waterman, W2PW
> > c/o 112 Motors, LLC
> > Long Island Ford, Kia and Used Dealer
> >
> > GO BILLS!

# 12264. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 20:53:04 UTC
From: The Simpsons
Topic: 12141  Message: 12264

The noise blanker is ahead of the IF filters because the narrow filters stretch the noise pulses making them impossible to remove without severely degrading the wanted signal. The pulses are stretched because the narrow filters limit the rise time of the pulse. By removing them before they are stretched by the filters, the resulting small missing part of the wanted signal is not noticed. The blanker detects the pulse and a gate turns the signal off before it reaches the filter. Noise blanker width adjustment on some receivers determines how long the gate is shut for. The sensitivity sets the threshold at which the gate operates. Low sensitivity means the pulse must be much higher level than the wanted signal before the gate operates. This is why you have problems if the sensitivity of the blanker is too high and there are strong signals nearby but outside the IF filter passband.
I think the Yaesu FT101 series from the early 1970's was the first receiver to use this technique in the ham world.

Grant, ZL2BK.

----- Original Message -----
From: "backhoefade" <cgarner@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 13, 2002 9:11 AM
Subject: [FT100] Re: Active Mobilers

> So I was right in that the AM broadcast are simply much stronger
> generally than many ham signals. Thanks for the confirmation.
>
> Your comments about the noise blanker are interesting. It would be
> nice to have a tracking bandpass filter on the front end. We do that
> in the Gigahertz area with YIG filters. Just would be nice to have
> some band limiting before the first active element; but with a low
> insertion loss so we don't ruin our noise figure. You might be
> interested in my posting regarding "receiver sensitivity". Don't
> have the message number but it should be found by entering the topic
> into the search box.

# 12265. Re: dBf

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 20:57:50 UTC
From: John Hirth
Topic: 12265  Message: 12265

For what it's worth...

From: http://www.eatel.net/~amptech/elecdisc/decibel.htm

dBV = referenced to 1 volt
dBW = referenced to 1 watt
dBm = referenced to 1 milliwatt
or
.775 volts into a 600 ohm load

dBf = referenced to 1 femtowatt
or
.2739 ?volts into a 75 ohm load

dBv, dBu = referenced to .775 volts with no load parameters given
==========

Grant, ZL2BK wrote:
>
> There are no noise reduction features in car radios at all.
.....
> On FM broadcast signals, the Sony receiver is specified at a useable
> sensitivity of 12dBf (no explanation of what the f reference is!)

# 12266. Re: dBf

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 21:25:15 UTC
From: backhoefade
Topic: 12265  Message: 12266

I think 4 dB's = 1 small hive.

--- In FT100@y..., John Hirth <w2ki@a...> wrote:
> For what it's worth...
>
> From: http://www.eatel.net/~amptech/elecdisc/decibel.htm
>
> dBV = referenced to 1 volt
> dBW = referenced to 1 watt
> dBm = referenced to 1 milliwatt
> or
> .775 volts into a 600 ohm load
>
> dBf = referenced to 1 femtowatt
> or
> .2739 µvolts into a 75 ohm load
>
> dBv, dBu = referenced to .775 volts with no load parameters given
> ==========
>
> Grant, ZL2BK wrote:
> >
> > There are no noise reduction features in car radios at all.
> .....
> > On FM broadcast signals, the Sony receiver is specified at a
useable
> > sensitivity of 12dBf (no explanation of what the f reference is!)

# 12267. Re: [FT100] Digest Number 1103

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 21:49:21 UTC
From: Jan and/or Len Peak
Topic: 12267  Message: 12267

```
----- Original Message -----
From: <FT100@yahoogroups.com>
To: <FT100@yahoogroups.com>
Sent: Tuesday, February 12, 2002 11:10 AM
Subject: [FT100] Digest Number 1103

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
> ------------------------------------------------------------------------
>
> There are 26 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: Ford Explorer
> From: lhlousek <lhlousek@...>
> 2. Re: Ford Explorer
> From: "Jeff kb2m" <kb2wqm@...>
> 3. Removal of the FT-100 Owners Manual
> From: Ham_Tech@...
> 4. FT100D/Astatic D-104
> From: "rabbit4494122" <rabbit4494122@...>
> 5. Good news about the new radios (FT-100D)
> From: Ham_Tech@...
> 6. Re: Removal of the FT-100 Owners Manual
> From: "backhoefade" <cgarner@...>
> 7. Re: spurious oscillation design flaw in FT-100D
> From: "backhoefade" <cgarner@...>
> 8. Re: Active Mobilers
> From: "backhoefade" <cgarner@...>
> 9. SWR Question
> From: "box542" <box542@...>
> 10. FT100 Manual
> From: "Paul Rogers" <plprogers@...>
> 11. Re: Re: spurious oscillation design flaw in FT-100D
> From: Bob Cheek <wb4eje@...>
> 12. Re: FT100 Manual
> From: John Hirth <w2ki@...>
> 13. Re: Good news about the new radios (FT-100D)
```

> From: "Bruce A. Chambers" <chambersb@...>
> 14. Re: Fw: anybody work hard FT100D with the air mail
> From: Ham_Tech@...
> 15. Re: Removal of the FT-100 Owners Manual
> From: "n9cv" <kgb@...>
> 16. Re: SWR Question
> From: "John McClain" <digi2@...>
> 17. Re: spurious oscillation design flaw in FT-100D
> From: "hfolgering" <hfolgering@...>
> 18. Re: spurious oscillation design flaw in FT-100D
> From: "hfolgering" <hfolgering@...>
> 19. Re: Re: spurious oscillation design flaw in FT-100D
> From: "Albert Furlow" <albeham@...>
> 20. W8JW Durango Installation
> From: "k4sah" <1hammond@...>
> 21. Re: W8JW Durango Installation
> From: "w1pa" <w1pa@...>
> 22. Re: W8JW Durango Installation
> From: "w1pa" <w1pa@...>
> 23. Re: W8JW Durango Installation
> From: "w1pa" <w1pa@...>
> 24. Re: Digest Number 1102
> From: "Jan and/or Len Peak" <peaks@...>
> 25. Re: Re: Active Mobilers
> From: "Pres Waterman" <presw@...>
> 26. Re: SWR Question
> From: "Pres Waterman" <presw@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Mon, 11 Feb 2002 09:32:35 -0800
> From: lhlousek <lhlousek@...>
> Subject: Re: Ford Explorer
>
> I have two large grommets. A white one about 2 inches in diameter above
and
> slightly to the left of the brake pedal. The push-pull cable for the
column
> mounted shifter goes through it. The other one is grey, about 3" x 4",
and the
> steering column passes through it.
>
> Lou W7DZN
>
> ----- Original Message -----
> From: "Christian M. Fisher" <cfisher1@...>
> To: <FT100@yahoogroups.com>

> Sent: Monday, February 11, 2002 5:40 AM
> Subject: Re: [FT100] Ford Explorer
>
>
> > Mark,
> >
> > Where is the grommet located on the firewall? Looking at my
explorer
> (1999), I don't see an easy access route into the vehicle. Getting ready
to
> mount the radio permanently.
> >
>
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Mon, 11 Feb 2002 12:49:53 -0500
> From: "Jeff kb2m" <kb2wqm@...>
> Subject: Re: Ford Explorer
>
> The grommet I used is located under the fuse box under the hood. It is
much easier found by looking at the firewall on the driver side from the
inside of the vehicle. The cable that passes through it is the speedometer
cable.
>
> 73 Jeff kb2m
>
> Where is the grommet located on the firewall? Looking at my explorer
(1999), I don't see an easy access route into the vehicle. Getting ready to
mount the radio permanently.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Mon, 11 Feb 2002 17:58:44 GMT
> From: Ham_Tech@...
> Subject: Removal of the FT-100 Owners Manual

>
> Hi guys,
>
> I made a wrong assumption about the wording on the back of the Yaesu
manual, about not reproducing it.
>
> I had some email me, asking if I had gotten permission from Yaesu.. So I
called up, Yaesu and asked them their opinion. I also emailed Japan, and
California and asked them what they thought, even though I don't intend at
all to sell it. But just the idea of putting it on my website.
>
> The guys at Vertex Standard; to avoid any headaches from Japan; that I
take it off of my website.
>
> I know that everyone has now gotten it. And you have the choice of taking
it off of your website or leaving it on. Well it was fine while it lasted.
>
> Vertex Standard said that the reply time on messages from Japan take at
least two weeks, because of their turn around.
>
> I will now remove the link from my website.
> I will still have a link to K0Lee website.
>
> Sincerely,
> Daniel
>
>
>
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.
>
>
> _____
> _____
>
> Message: 4
> Date: Mon, 11 Feb 2002 18:08:12 -0000
> From: "rabbit4494122" <rabbit4494122@...>
> Subject: FT100D/Astatic D-104
>
> Hello everyone,
>
> Has anyone mated an Astatic D-104 using its built-in preamp and
> fitted with the standard 4 pin, circular connector to the FT-100D?
> I'm trying to make an adapter cable and have the 6 pin modular
> connector and the 4 pin circular male. The trouble is, I can't
> figure out the pin connections on either. The schematics Yaesu

> provides don't give me enough information. Maybe I should contact
> tech service. Any suggestions, however, would be appreciated. Thank
> you.
>
> Mark Watanabe, KG6IBY
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 5
> Date: Mon, 11 Feb 2002 18:13:34 GMT
> From: Ham_Tech@...
> Subject: Good news about the new radios (FT-100D)
>
> Hi guys/gals,
>
> I just talked to a Vertex Standard rep.
>
> I was confused about the reason of the FT-100D having mods to add.
>
> He explained that instead of Yaesu calling the repairments the radio;
"fixings" (change out components for new ones: Yaesu would call them
"modifications" or "mods" (adding new components to the FT-100D
board/modules.
>
> I also asked about the Hi SWR icon problem. He said that the
microprocessor was displaying a 'False' representation, and thus telling the
microprosser to drop the power output. In the jist of his own words he
said, "We would take the radios and open them up to find this problem to be
false. Then they would call it stupid (mainly frustrations to a repeated
problem) and slap it around a bit to make it work correctly (I assume that
they do some reprogramming of or replacement of the chip), then send it back
to the owner."
>
> He said that after the new supply of FT-100Ds that Japan has been sending
out, the calls have slowly decreased.
>
> I asked him how I could tell that is was the latest version of the FT-100D
and that it would not have anymore of these SWR problems. (Which Yaesu
Japan, have been able to catch up on, in their production department, which
the Rep. mentioned.)
>
> Here is how to see if it is the latest model:
>
> Open up the cover and look for brass fittings on the inside...of the lids
and boards.
>
> I hope that this has helped you. And to Lee Devlin, this guy thinks that

you have a pretty cool site with the modification links.
> 
> Daniel
> kg4dni
> 
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 6
> Date: Mon, 11 Feb 2002 18:34:17 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: Removal of the FT-100 Owners Manual
> 
> Gee- do you think they would respond as quickly to a request for an
> updated manual that includes accurate information regarding AM
> operation? "Minor" points such as the fact that you need the 6 kHz
> filter installed would be nice. Corrections in the sections
> pertaining to the PROcessor function which is currently inaccurate
> would be helpful.
> 
> --- In FT100@y..., Ham_Tech@j... wrote:
> > Hi guys,
> > 
> > I made a wrong assumption about the wording on the back of the
> Yaesu manual, about not reproducing it.
> > 
> > I had some email me, asking if I had gotten permission from Yaesu..
> So I called up, Yaesu and asked them their opinion. I also emailed
> Japan, and California and asked them what they thought, even though I
> don't intend at all to sell it. But just the idea of putting it on
> my website.
> > 
> > The guys at Vertex Standard; to avoid any headaches from Japan;
> that I take it off of my website.
> > 
> > I know that everyone has now gotten it. And you have the choice of
> taking it off of your website or leaving it on. Well it was fine
> while it lasted.
> > 
> > Vertex Standard said that the reply time on messages from Japan
> take at least two weeks, because of their turn around.
> > 
> > I will now remove the link from my website.
> > I will still have a link to K0Lee website.
> > 
> > Sincerely,
> > Daniel

> >
> >
> >
> > _____
> > GET INTERNET ACCESS FROM JUNO!
> > Juno offers FREE or PREMIUM Internet access for less!
> > Join Juno today! For your FREE software, visit:
> > http://dl.www.juno.com/get/web/.
>
>
>
> _____
> _____
>
> Message: 7
> Date: Mon, 11 Feb 2002 18:51:54 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: spurious oscillation design flaw in FT-100D
>
> I have to respond to the guy's comment about the "microprocessor
> displaying a false representation". Either that statement was a lie
> or the guy was mis-informed. I have personally measured the spurious
> oscillations which occur while the SWR icon is showing up when it
> shouldn't. There are spurious tones at roughly 13.65 MHz and 2 times
> and 3 times that frequency. They are real emissions which, since the
> antenna generally isn't resonant at those spurious frequencies, cause
> a true high SWR condition, which the SWR sensing circuitry sees, as
> it should, and which then causes the rig to pull back on its output
> power, as it should. So "BS !!!" about the "display of false
> representation". The only "false representation" is the comment
> about the problem!
>
> It's not clear precisely what causes the spurious oscillation. There
> has been speculation that the RF gets into the synthesizer which
> causes the synthesizer to output spurious signals in addition to its
> desired output. There has been speculation that the spurious
> oscillations occur in the PA section or combination of PA/Filter
> sections.
>
> But the truth I wanted to bring to the group is that the spurious
> oscillations that result in the SWR icon are real. The SWR icon is
> displayed because the SWR really is high at those spurious
> frequencies.
>
> --- In FT100@y..., Ham_Tech@j... wrote:
> > Hi guys/gals,
> >
> > I just talked to a Vertex Standard rep.
> >
> > I was confused about the reason of the FT-100D having mods to add.

> >
> > He explained that instead of Yaesu calling the repairments the
> radio; "fixings" (change out components for new ones: Yaesu would
> call them "modifications" or "mods" (adding new components to the FT-
> 100D board/modules.
> >
> > I also asked about the Hi SWR icon problem. He said that the
> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of
> his own words he said, "We would take the radios and open them up to
> find this problem to be false. Then they would call it stupid
> (mainly frustrations to a repeated problem) and slap it around a bit
> to make it work correctly (I assume that they do some reprogramming
> of or replacement of the chip), then send it back to the owner."
> >
> > He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
> >
> > I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their
> production department, which the Rep. mentioned.)
> >
> > Here is how to see if it is the latest model:
> >
> > Open up the cover and look for brass fittings on the inside...of
> the lids and boards.
> >
> > I hope that this has helped you. And to Lee Devlin, this guy
> thinks that you have a pretty cool site with the modification links.
> >
> > Daniel
> > kg4dni
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 8
> Date: Mon, 11 Feb 2002 19:08:33 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: Active Mobilers
>
> I found it interesting once when I read someone's message where he
> expressed huge dis-satisfaction with most HF rigs' noise blanker
> performance on AM as well as SSB. His "point" was posed in the
> question, "Why the heck can't the amateur gear manufacturers come up
> with a decent noise blanker in a $1000 rig while my cheapo AM radio
> in my car picks up AM broadcast stations without any ignition or

> other noise whatsoever!". The reason is not that the cheap car radio
> has a better noise blanker. For that matter it probably has a very
> poor noise reduction function. The difference is in the basic
> receive signal level and the resultant signal to interfering noise
> ratio. When you tune in a local AM broadcast station you're looking
> at a typical S9+60 or better signal level (S9+60 is a -13 dBm level;
> a huge level). While your typical ham signal may be around S7 which
> is -85 dBm. So for a given background ignition noise (or other
> source) level, the signal to noise ratio for the commercial station
> case is 72 dB greater. Go park under an overpass while listening to
> a relatively strong AM broadcast station in order to drop the receive
> signal level by a good amount and then you'll start hearing all the
> noise that's really there. The blanker in the FT-100D is an
> excellent performer.
>
> --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > I use mine for HF/6 meters and VHF/UHF satellites when mobile. So
> when
> > my V/U PA went out I felt like I was only using half of its
> potential.
> >
> >
> > Mike
> > WB8VLC/7
> > w5xv@e..." wrote:
> >
> > > Personally, If I wanted to just go FM mobil, I would have used my
> > > FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about
> you
> > > other FT-100 users???
> > > 10%????
> > > ----- Original Message -----
> > > From: russthom@a...
> > > To: FT100@y...
> > > Sent: Friday, February 08, 2002 9:14 AM
> > > Subject: [FT100] Active Mobilers
> > >
> > >
> > > Prez Wrote:
> > >
> > > >700,000 US hams
> > > >70% active
> > > >40% active mobile
> > >
> > > You assume that all 40% of the mobilers are worried
> > > about ignition noise? Frankly, In my experience, the
> > > only people worried about ignition noise are HF types.
> > > FMers, like me, usually don't worry about ignition noise
> > > as FM is fairly immune from ignition noise. Those I
> > > know that have it usually can knock it out with a filter

> > > in the power line. This is not easily done with the HF
> > > rigs pulling 20 amps.
> > >
> > > I think you'll find the HF mobiler percentage much less
> > > than 10%. at 10% of the active hams worried about
> > > ignition noise, that breaks down to 61 cars / car type.
> > > Not enough to make a manufacturer change design.
> > >
> > > We are fast to say that interception of unwanted radio
> > > signals on TVs, etc is the fault of the receiver, yet,
> > > our receivers can't take spurious emissions either.
> > > Sounds hypocritical to me
> > >
> > > DE KX5G
> > >
> > > Yahoo! Groups Sponsor
> > > ADVERTISEMENT
> > >
> > >
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > Yahoo! Groups Sponsor
> > ADVERTISEMENT
> >
> >
> > >
> > > Post message: FT100@y...
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> > >

> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> > --
> > THIS EMAIL AND ANY ATTACHED FILES ARE CONFIDENTIAL AND MAY
> > BE LEGALLY PRIVILEGED.
> >
> > If you are not the addressee, any disclosure, reproduction,
> > copying, distribution or other dissemination or use of this
> > communication is strictly prohibited. If you have received
> > this message in error, please notify the sender immediately
> > and then delete this email.
> >
> > It is the policy of Wulfsberg Electronics Division that no
> > legally binding statements, representations or commitments
> > (collectively statements) may be made by email. Any such
> > statements must be confirmed either by facsimile transmission
> > or by mail before they will have legal effect. The sender of
> > this email is not authorized to commit the company in any way
> > and the addressee is hereby formally notified of that fact.
> > [Wulfsberg Electronics Division; Prescott, Arizona USA]
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 9
> Date: Mon, 11 Feb 2002 18:09:09 -0000
> From: "box542" <box542@...>
> Subject: SWR Question
>
> OK, so maybe I missed something. What does the
> SWR icon with the O or 0(zero) mean? I get that
> on my FT-100 from time to time.
>
> If it's explained in the manual, then I need to
> get glasses!!
>
> Thanks in advance!!
>
> Bruce
>
>

>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 10
> Date: Mon, 11 Feb 2002 21:37:28 -0000
> From: "Paul Rogers" <plprogers@...>
> Subject: FT100 Manual
>
> I seem to have lost the link to the FT100 manual, can someone point me in
> the right direction
>
> 73 de G0SNW, Paul
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 11
> Date: Mon, 11 Feb 2002 14:05:12 -0800 (PST)
> From: Bob Cheek <wb4eje@...>
> Subject: Re: Re: spurious oscillation design flaw in FT-100D
>
> To all,
>
> I was given a similar explaination of the "Hi SWR" mod
> from Yaesu's Repair Supervisor. His story was that
> the SWR sensing circuits were too sensitive and that
> the modifications (Adding grounds and moving some
> wires and ty-wraping them together) make the SWR
> sensing circuits less sensitive. He insisted there is
> no problem with spurious oscillations in the FT-100.
>
> I know that's hooey, because when my FT-100 blew its
> finals it was on the bench attached to a dummy load
> with a frequency counter connected to the -20 dB port
> on the dummy load and I was watching the counter
> wander between 200 and 300 Mhz. (VHF final blew)
>
> Common sense tell you that when you are beefing up
> grounds you are working on either a ground loop or a
> problem with unwanted feedback causing an oscillation.
>
>
>
> --- backhoefade <cgarner@...> wrote:
> > I have to respond to the guy's comment about the
> > "microprocessor

> > displaying a false representation". Either that
> > statement was a lie
> > or the guy was mis-informed. I have personally
> > measured the spurious
> > oscillations which occur while the SWR icon is
> > showing up when it
> > shouldn't.............
>
> > --- In FT100@y..., Ham_Tech@j... wrote:
> > > Hi guys/gals,
> > >
> > > I just talked to a Vertex Standard rep.
> > >
> > > I was confused about the reason of the FT-100D
> > having mods to add.
> > >
> > > He explained that instead of Yaesu calling the
> > repairments the
> > radio; "fixings" (change out components for new
> > ones: Yaesu would
> > call them "modifications" or "mods" (adding new
> > components to the FT-
> > 100D board/modules.
>
>
> _____
> Do You Yahoo!?
> Send FREE Valentine eCards with Yahoo! Greetings!
> http://greetings.yahoo.com
>
>
> _____
> _____
>
> Message: 12
> Date: Mon, 11 Feb 2002 17:09:39 -0500
> From: John Hirth <w2ki@...>
> Subject: Re: FT100 Manual
>
> You can the find the manual at:
>
> http://k0lee.com/images/FT-100D%20Manual.pdf
>
> 73, John W2KI
>
> ========
>
> Paul Rogers wrote:
> >
> > I seem to have lost the link to the FT100 manual, can someone point me

in
> > the right direction
> >
> > 73 de G0SNW, Paul
> >
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 13
> Date: Mon, 11 Feb 2002 17:27:26 -0500
> From: "Bruce A. Chambers" <chambersb@...>
> Subject: Re: Good news about the new radios (FT-100D)
>
> Does he mean "brass fittings" or copper tape? I opened mine up to see
> what was inside. I was hoping to find a thermosister? Instead I found
> "copper tape" over the edges of the cover. Is this what you mean? TNX
> Bruce kb4ifs
>
> Ham_Tech@... wrote:
>
> > Hi guys/gals,
> >
> > I just talked to a Vertex Standard rep.
> >
> > I was confused about the reason of the FT-100D having mods to add.
> >
> > He explained that instead of Yaesu calling the repairments the radio;
> > "fixings" (change out components for new ones: Yaesu would call them
> > "modifications" or "mods" (adding new components to the FT-100D
> > board/modules.
> >
> > I also asked about the Hi SWR icon problem. He said that the
> > microprocessor was displaying a 'False' representation, and thus
> > telling the microprosser to drop the power output. In the jist of his
> > own words he said, "We would take the radios and open them up to find
> > this problem to be false. Then they would call it stupid (mainly
> > frustrations to a repeated problem) and slap it around a bit to make
> > it work correctly (I assume that they do some reprogramming of or
> > replacement of the chip), then send it back to the owner."
> >
> > He said that after the new supply of FT-100Ds that Japan has been
> > sending out, the calls have slowly decreased.
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> > I asked him how I could tell that is was the latest version of the
> > FT-100D and that it would not have anymore of these SWR problems.
> > (Which Yaesu Japan, have been able to catch up on, in their production
> > department, which the Rep. mentioned.)
> >

> > Here is how to see if it is the latest model:
> >
> > Open up the cover and look for brass fittings on the inside...of the
> > lids and boards.
> >
> > I hope that this has helped you. And to Lee Devlin, this guy thinks
> > that you have a pretty cool site with the modification links.
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> > Daniel
> > kg4dni
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> >
> >
> > Yahoo! Groups Sponsor
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>
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
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> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 14
> Date: Tue, 12 Feb 2002 00:12:42 +0000
> From: Ham_Tech@...
> Subject: Re: Fw: anybody work hard FT100D with the air mail
>
>
> Check out www.winlink.org.
>
> daniel
> ------------------------------------------------------------------------
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.

>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 15
> Date: Tue, 12 Feb 2002 07:08:49 -0000
> From: "n9cv" <kgb@...>
> Subject: Re: Removal of the FT-100 Owners Manual
>
> A $800 to $1000 radio and they are worried about a $6 to $8 out of
> date manual for it. Strange priorities here. How much profit can
> Yeasu make in sales of this (out of date) and out of stock item. One
> would think that Yaesu would be happy that someone made a free
> electric copy available that saved them the production effort and
> expense.
>
> Ken - N9CV
>
> --- In FT100@y..., Ham_Tech@j... wrote:
> > Hi guys,
> >
> > I made a wrong assumption about the wording on the back of the
> Yaesu manual, about not reproducing it.
> >
>
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 16
> Date: Mon, 11 Feb 2002 16:16:33 -0700
> From: "John McClain" <digi2@...>
> Subject: Re: SWR Question
>
> I will pass along what the tech at Yaesu told me. The "SWR X" icon means
that the rig is seeing a high SWR. The "SWR O" icon means that a "TUN"
operation to either an ATAS-100 antenna or an FC-20 tuner completed
successfully with low reflected power and it should not be seen at any other
time. If anyone knows or heard anything different please pipe up and fill
us in because I have no faith in the tech that told me this. He didn't know
much about the FT-100 so, while I was on hold, he talked to the lead FT-100
tech and then passed the info on to me.
>
> John
> K7SVV@...
> ----- Original Message -----
> From: box542

> To: FT100@yahoogroups.com
> Sent: Monday, February 11, 2002 11:09 AM
> Subject: [FT100] SWR Question
>
>
> OK, so maybe I missed something. What does the
> SWR icon with the O or 0(zero) mean? I get that
> on my FT-100 from time to time.
>
> If it's explained in the manual, then I need to
> get glasses!!
>
> Thanks in advance!!
>
> Bruce
>
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 17
> Date: Tue, 12 Feb 2002 03:37:04 -0000
> From: "hfolgering" <hfolgering@...>
> Subject: Re: spurious oscillation design flaw in FT-100D
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:

> > I have to respond to the guy's comment about the "microprocessor
> > displaying a false representation". Either that statement was a lie
> > or the guy was mis-informed. I have personally measured the
> spurious
> > oscillations which occur while the SWR icon is showing up when it
> > shouldn't. There are spurious tones at roughly 13.65 MHz and 2
> times
> > and 3 times that frequency. They are real emissions which, since
> the
> > antenna generally isn't resonant at those spurious frequencies,
> cause
> > a true high SWR condition, which the SWR sensing circuitry sees, as
> > it should, and which then causes the rig to pull back on its output
> > power, as it should. So "BS !!!" about the "display of false
> > representation". The only "false representation" is the comment
> > about the problem!
> >
> > It's not clear precisely what causes the spurious oscillation.
> There
> > has been speculation that the RF gets into the synthesizer which
> > causes the synthesizer to output spurious signals in addition to its
> > desired output. There has been speculation that the spurious
> > oscillations occur in the PA section or combination of PA/Filter
> > sections.
> >
> > But the truth I wanted to bring to the group is that the spurious
> > oscillations that result in the SWR icon are real. The SWR icon is
> > displayed because the SWR really is high at those spurious
> > frequencies.
> >
> > --- In FT100@y..., Ham_Tech@j... wrote:
> > > Hi guys/gals,
> > >
> > > I just talked to a Vertex Standard rep.
> > >
> > > I was confused about the reason of the FT-100D having mods to add.
> > >
> > > He explained that instead of Yaesu calling the repairments the
> > radio; "fixings" (change out components for new ones: Yaesu would
> > call them "modifications" or "mods" (adding new components to the
> FT-
> > 100D board/modules.
> > >
> > > I also asked about the Hi SWR icon problem. He said that the
> > microprocessor was displaying a 'False' representation, and thus
> > telling the microprosser to drop the power output. In the jist of
> > his own words he said, "We would take the radios and open them up to
> > find this problem to be false. Then they would call it stupid
> > (mainly frustrations to a repeated problem) and slap it around a bit
> > to make it work correctly (I assume that they do some reprogramming

> > of or replacement of the chip), then send it back to the owner."
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> > > He said that after the new supply of FT-100Ds that Japan has been
> > sending out, the calls have slowly decreased.
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> > > I asked him how I could tell that is was the latest version of the
> > FT-100D and that it would not have anymore of these SWR problems.
> > (Which Yaesu Japan, have been able to catch up on, in their
> > production department, which the Rep. mentioned.)
> > >
> > > Here is how to see if it is the latest model:
> > >
> > > Open up the cover and look for brass fittings on the inside...of
> > the lids and boards.
> > >
> > > I hope that this has helped you. And to Lee Devlin, this guy
> > thinks that you have a pretty cool site with the modification links.
> > >
> > > Daniel
> > > kg4dni
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 18
> Date: Tue, 12 Feb 2002 04:24:57 -0000
> From: "hfolgering" <hfolgering@...>
> Subject: Re: spurious oscillation design flaw in FT-100D
>
> I use my ft100 mainly as a base station.antenna is a multiband dipole
> fed with an open wire feedline thru a mfj tuner and 4:1 balun.
> Shortly after buying the radio and tuner,I had problems tuning on 10
> and 12 meters.At first I thought the tuner was at fault,but after
> reading all the messages about high SWR and blown finals I some
> experimenting.Attempting to tune up above 29 Mhz was impossible.SWr
> and power went right of the scale,even with power turned all the way
> down.Frequency counter placed next to the open wire feedline did not
> show 29 Mhz but something abt. half of that,14,XXX Mhz.so there was
> some parasitic oscillation happening here.I have made the following
> modifications:first of all I removed the LPF board and cleaned and
> tinned all 5 mounting poits under the board in order to get better
> grounding.This helped somewhat,but it was far from perfect yet.Than I
> did the mod.as is picured on this webside with the copper straps
> screwed on to the centre rib.Rig is now rock stable and will tune any
> frequency up to 29.700 Mhz.To keep the V/U finals from destroying
> themselves I have cleaned all solder connections at srf 7043,there was
> a lot of solder flux left on them.I have also added a 68 Ohm resistor

> between the negative fan wires and ground in order to keep the fans
> running at low speed.rig stays nice and cool even after long periods
> of receive in VHF.And last I have added an extra ground strap from the
> centre rib to the coax connector J3001 on the PA board.Hopefully this
> will keep the V/U final amp from destroying itself,I am convinced that
> these also die because of a ground loop or parasitic oscillation,since
> several people have reported them blowing in receive.Hope this wil be
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> 73 ve5hfd
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> > >
> > > Daniel
> > > kg4dni
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 19
> Date: Tue, 12 Feb 2002 07:50:12 -0600
> From: "Albert Furlow" <albeham@...>
> Subject: Re: Re: spurious oscillation design flaw in FT-100D
>
> how did you, and what did you use clean the flux up with? KA1FFO
> ----- Original Message -----
> From: hfolgering
> To: FT100@yahoogroups.com
> Sent: Monday, February 11, 2002 22:24 PM
> Subject: [FT100] Re: spurious oscillation design flaw in FT-100D
>
>

> I use my ft100 mainly as a base station.antenna is a multiband dipole
> fed with an open wire feedline thru a mfj tuner and 4:1 balun.
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> > >
> > > Daniel
> > > kg4dni
>
>

>
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>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
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> ------------------------------------------------------------------------
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>
> Message: 20
> Date: Tue, 12 Feb 2002 13:51:04 -0000
> From: "k4sah" <1hammond@...>
> Subject: W8JW Durango Installation
>
> If W8JW is around, or if someone else knows, I would like to know
> what bracket is being used to attach the ATAS to the luggage rack?
>
> Also, does the owner feel if this is a sturdy installation?
>
> Thanks,
> Steve/K4SAH
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 21
> Date: Tue, 12 Feb 2002 15:49:10 -0000
> From: "w1pa" <w1pa@...>
> Subject: Re: W8JW Durango Installation
>

> --- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> > If W8JW is around, or if someone else knows, I would like to know
> > what bracket is being used to attach the ATAS to the luggage rack?
> >
> > Also, does the owner feel if this is a sturdy installation?
> >
> > Thanks,
> > Steve/K4SAH
>
> I'm using a Diamond K550KM on my Subaru wagon luggage rack. So far no
> problem structurally (it does suffer form the loose center pin
> syndrome, and I'm going to put the small spring in the center pin
> socket for good contact). I think any SO239 mount will suffer that
> over time.
>
> Bill
> w1pa
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 22
> Date: Tue, 12 Feb 2002 15:50:15 -0000
> From: "w1pa" <w1pa@...>
> Subject: Re: W8JW Durango Installation
>
> --- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> > If W8JW is around, or if someone else knows, I would like to know
> > what bracket is being used to attach the ATAS to the luggage rack?
> >
> > Also, does the owner feel if this is a sturdy installation?
> >
> > Thanks,
> > Steve/K4SAH
>
> Forgot the link: http://www.rfparts.com/diamond/k601.html#550km
>
> Bill
> w1pa
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 23
> Date: Tue, 12 Feb 2002 15:55:17 -0000
> From: "w1pa" <w1pa@...>

> Subject: Re: W8JW Durango Installation
>
> --- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> > --- In FT100@y..., "k4sah" <1hammond@b...> wrote:
> > > If W8JW is around, or if someone else knows, I would like to know
> > > what bracket is being used to attach the ATAS to the luggage rack?
> > >
> > > Also, does the owner feel if this is a sturdy installation?
> > >
> > > Thanks,
> > > Steve/K4SAH
> >
> > Forgot the link: http://www.rfparts.com/diamond/k601.html#550km
> >
> > Bill
> > w1pa
>
> Sorry... one more: This mount is designed for ground-independent
> antennas. You'l need a good ground strap from the base to the chasis
> or rack.
>
> Bill
> W1PA
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 24
> Date: Tue, 12 Feb 2002 10:10:31 -0600
> From: "Jan and/or Len Peak" <peaks@...>
> Subject: Re: Digest Number 1102
>
>
> ----- Original Message -----
> From: <FT100@yahoogroups.com>
> To: <FT100@yahoogroups.com>
> Sent: Monday, February 11, 2002 11:29 AM
> Subject: [FT100] Digest Number 1102
>
>
> > SPAM: -------------------- Start SpamAssassin
> results ----------------------
> > SPAM: This mail is probably spam. The original message has been altered
> > SPAM: so you can recognise or block similar unwanted mail in future,
using
> > SPAM: the built-in mail filtering support in your mail reader.
> > SPAM:
> > SPAM: Content analysis details: (9.3 hits, 8 required)

> > SPAM: Hit! (1.2 points) From: does not include a real name
> > SPAM: Hit! (1.6 points) From: ends in numbers
> > SPAM: Hit! (0.8 points) BODY: Contains a line >=199 characters long
> > SPAM: Hit! (3.9 points) BODY: List removal information
> > SPAM: Hit! (1.8 points) From and To the same address
> > SPAM:
> > SPAM: ---------- End of SpamAssassin
> results ----------
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> > ------------------------------------------------------------------------
> >
> > There are 13 messages in this issue.
> >
> > Topics in this digest:
> >
> > 1. WTB FT100D
> > From: "spizzed" <in8intel@...>
> > 2. RE: TX Mod
> > From: "freddo" <freddo@...>
> > 3. Re: Ford Explorer
> > From: "k1sjc" <k1sjc@...>
> > 4. Re: Active Mobilers
> > From: "n9cv" <kgb@...>
> > 5. Re: WTB FT100D
> > From: "David B. Rogers" <dr7zyq@...>
> > 6. Re: Re: Ford Explorer
> > From: lhlousek <lhlousek@...>
> > 7. FT-100 Manual
> > From: "ve7baq" <carls@...>
> > 8. Re: Ford Explorer
> > From: "kg4fet" <kg4fet@...>
> > 9. Re: Ford Explorer
> > From: "hanksterrus" <hanksterr@...>
> > 10. Re: Ford Explorer
> > From: "Jeff kb2m" <kb2wqm@...>
> > 11. Re: Active Mobilers
> > From: Mike May <mike.may@...>
> > 12. Re: Ford Explorer
> > From: "Christian M. Fisher" <cfisher1@...>
> > 13. Re: Active Mobilers
> > From: "backhoefade" <cgarner@...>
> >
> >

> > _____
> > _____
> >
> > Message: 1
> > Date: Mon, 11 Feb 2002 02:08:16 -0000
> > From: "spizzed" <in8intel@...>
> > Subject: WTB FT100D
> >
> > Looking fer FT 100D in Top Condition.
> > PSe Email
> > TNX D.F.Kritzberg
> > KF4UOD
> >
> >
> >
> >
> > _____
> > _____
> >
> > Message: 2
> > Date: Sun, 10 Feb 2002 20:38:44 -0500
> > From: "freddo" <freddo@...>
> > Subject: RE: TX Mod
> >
> > Works fine on my FT100. Just be very careful when performing the reset
> > song and dance. Follow the
> > instructions exactly, or the mod won't work.
> >
> > Fred VA3FD
> >
> > -----Original Message-----
> > From: Aaron [mailto:k8arn@...]
> > Sent: Sunday, February 10, 2002 9:13 PM
> > To: FT100@yahoogroups.com
> > Subject: Re: [FT100] TX Mod
> >
> >
> > the extended tx mod..thanks
> >
> >
> > --- Howard Cunningham <howardc@...> wrote:
> > > K8arn:
> > >
> > > What TX mod?
> > >
> > > hc
> > >
> > > Howard Cunningham
> > > MACRO Systems, LLC
> > > 3867 Plaza Drive

> > > Fairfax, VA 22030
> > >
> > > (703) 359-9211
> > > (703) 591-0446 (F)
> > > www.macrollc.com
> > >
> > > howardc@...
> > > for service: service@...
> > >
> > >
> > > >>> "k8arn" <k8arn@...> 02/10/02 08:43PM >>>
> > > Has anyone got the mod to work...Ive tried it a
> > > couple times with no
> > > luck
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Send FREE Valentine eCards with Yahoo! Greetings!
> > http://greetings.yahoo.com
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> >
> > <http://rd.yahoo.com/M=221000.1882886.3382503.1261774/D=egroupweb/S=1705
> > 063108:HM/A=965714/R=0/O=1/I=brandr-promo-flowersale-alerts-lrecm/*http:
> > //shopping.yahoo.com/promotions/flowers/index.html>
> >
> > <http://us.adserver.yahoo.com/l?M=221000.1882886.3382503.1261774/D=egrou
> > pmail/S=1705063108:HM/A=965714/rand=621451142>
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> > <http://docs.yahoo.com/info/terms/> .
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 3
> > Date: Mon, 11 Feb 2002 04:23:59 -0000
> > From: "k1sjc" <k1sjc@...>
> > Subject: Re: Ford Explorer
> >
> > Hi Lou,
> >
> > You've got a bunch of suggestions here - I didn't read them all -
> > but I have a 4 door 97 Explorer XLT. If you have the same type -
> > consider doing what I did... I located the remote head mount in the
> > upper cubby hole of the dash - supporting it from the top of the
> > cubby hole (remove the cubby hole ass'y for ease of install). It
> > fits nicely there. The radio itself was harder to do - but I found
> > that removing the carpet clip from the fold down driver's side rear
> > seat / rear floor allowed me to drill the steel plate to mount the
> > radio to it. This allowed for air circulation in the space when the
> > seat is or down. Just lay it all out so that it fits when the seat
> > is down. You'll find it is undetectable and complete safe from harm
> > if you take the time to lay it out completely. I did however find
> > that I needed to lay a 2"x4"x12" between the seat and the plate so
> > that the plate didn't press the radio into the seatback - but rather
> > rested on the 2x4. I have uploaded pics of the radio mounting.
> >
> > 73
> >
> > Steve k1sjc
> >
> >
> >
> > >
> > > Thanks for the info. I considered putting the box back there but
> > the rear
> > > windshield washer reservoir and an electric module of some sort is
> > back there on
> > > my Explorer and there doesn't look to be enough room. Where is
> > the cable
> > > channel that runs from front to back? My ATAS will be mounted on
> > the front left
> > > fender so I'd have to run the power and feedline back there and
> > then the mike,
> > > key line, head and speaker cables back up front.

> > >
> > > Lou W7DZN
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 4
> > Date: Mon, 11 Feb 2002 05:33:11 -0000
> > From: "n9cv" <kgb@...>
> > Subject: Re: Active Mobilers
> >
> > What is 2mtr fm? Is this some new kind of mode like PSK31 or
> > something?
> >
> > Just kidding.
> >
> > My FT-100 has never been tuned to any frequency higher than 6 meters
> > and has never transmitted on any frequency higher the 10 meters. I
> > do not even have an antenna connected to the UHF/VHF connector.
> > Maybe I ought to build an antenna and try out this "new mode"
> >
> > I do have a second 2 meter/440 radio in my vehicle that I turn on
> > occasionally. Usually this is to listen to the National Weather
> > Service on 162mhz. The FT-100 is always on and tuned to HF whenever
> > the ignition switch is turned on in my Blazer.
> >
> > Why would anyone buy an FT-100 and only use it on UHF/VHF. Isn't
> > that like buying an Greyhound Bus and only using the back seat?
> >
> > Ken - N9CV
> >
> >
> > --- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> > > Personally, If I wanted to just go FM mobil, I would have used my
> > FT-2400 but I got my FT-100 to do HF...not 2mtr fm...What about you
> > other FT-100 users???
> >
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 5
> > Date: Sun, 10 Feb 2002 20:38:51 -0800
> > From: "David B. Rogers" <dr7zyq@...>
> > Subject: Re: WTB FT100D
> >

> > I have one that I just bought -- literally -- less than a
> > month ago. It has the AM filter installed by AES. I was
> > going to set it up as a mobile for travel, but plans have
> > changed. I paid $819.00 plus $140.00 for the filter
> > installed, for a total of $959.00 plus shipping. I would
> > take $815.00 for it, shipped within the USofA (I figure
> > $800.00 plus $15.00 shipping). It is literally like new
> > because it is new.
> >
> > David, WA7ZYQ
> >
> > spizzed wrote:
> > >
> > > Looking fer FT 100D in Top Condition.
> > > PSe Email
> > > TNX D.F.Kritzberg
> > > KF4UOD
> > >
> > >
> > > Post message: FT100@yahoogroups.com
> > > Subscribe: FT100-subscribe@yahoogroups.com
> > > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > > List owner: FT100-owner@yahoogroups.com
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> > --
> >
> > "Them that's got is them that gets, but how you get the
> > first is still a mystery to me."
> > Ray Charles
> >
> >
> >
> > _____
> > _____
> >
> > Message: 6
> > Date: Sun, 10 Feb 2002 22:12:08 -0800
> > From: lhlousek <lhlousek@...>
> > Subject: Re: Re: Ford Explorer
> >
> > I checked out the pix you uploaded. Mounting the box on the flap is a
> clever
> > idea and something that hadn't occured to me. It should work in the same
> in my

> > 97. I'll have to take a look at it.
> >
> > Lou W7DZN
> >
> > ----- Original Message -----
> > From: "k1sjc" <k1sjc@...>
> > To: <FT100@yahoogroups.com>
> > Sent: Sunday, February 10, 2002 8:23 PM
> > Subject: [FT100] Re: Ford Explorer
> >
> >
> > > Hi Lou,
> > >
> > > You've got a bunch of suggestions here - I didn't read them all -
> > > but I have a 4 door 97 Explorer XLT. If you have the same type -
> >
> >
> >
> >
> >
> >
> > _____
> > _____
> >
> > Message: 7
> > Date: Mon, 11 Feb 2002 07:05:37 -0000
> > From: "ve7baq" <carls@...>
> > Subject: FT-100 Manual
> >
> > I downloaded the FT-100 pages from Daniel's web page and saved them
> > to a separate directory as he suggested. Now to put them to the best
> > use!
> > I inserted them into my wordprocessor and then printed them but with
> > a difference. I printed them with my wordprocessor (WordPerfect)
> > with the pages in landscape format. This allows me to insert two
> > manual page images on one sheet. I then save each page under a
> > convenient file name (such as Page 2&3, Page 4&5) etc.
> > The front cover and the Contents and Specifications were each saved
> > on a page by themselves with appropriate filenames.
> > When I print, I turn the paper over and print the next two images on
> > the other side but I rotate the paper so that when I look at them I
> > have four booklet pages on one sheet of paper. (Print on both
> > sides of the paper). This allows me to print the whole booklet using
> > only around twenty-eight sheets of paper.
> > I then place them in plastic sheet holder and keep them in a loose
> > leaf binder. The front cover page is inserted in a clear pocket on
> > the front of the binder so it identifies the book. And the inside
> > sheets are mounted in so that when the book is open, I can view four
> > booklet images at a time without turning it around. (Just like a flip
> > chart). The plastic sheets keep them from tearing at the ring binder
> > holes and also helps keep them clean.

> > I also included a few extra plastic sheet holders at the end of the
> > binder for keeping any mods, notes etc., so now I have a complete
> > manual to take with me when we go vacationing etc., in our trailer
> > and the original is safe at home. Like many others have said, the
> > manual can get very dog-eared after a while and this will help. By
> > the way, the manuals for the FT-100 and the FT-100D are almost
> > identical, so this is a great way to store it.
> > Thank you all for all the work to not only put the manual on the web
> > this way but also the other one in PDF format. They are a great
> > convenience.
> >
> > Einar VE7BAQ
> > E-mail carls@...
> >
> >
> >
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 8
> > Date: Mon, 11 Feb 2002 11:10:49 -0000
> > From: "kg4fet" <kg4fet@...>
> > Subject: Re: Ford Explorer
> >
> > Good Morning,
> > I am wondering if you could put the RF deck under back seat and using
> > the remote kit mount the head, mic, and speaker in spots easy to
> > access spots? I use mine as a slip seated rig. The RF deck is on a
> > hump mount and the remoted on a bracket I bent out of flat steel that
> > located right above the rear view mirrior so to make any adjustments
> > I do not have to take my eyes off the road.
> > 73 and all the best
> > DE KG4FET Sandor
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 9
> > Date: Mon, 11 Feb 2002 12:37:21 -0000
> > From: "hanksterrus" <hanksterr@...>
> > Subject: Re: Ford Explorer
> >
> > --- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> > > OK you guys, I have no problem figuring out what to do with the
> > head. I plan

> > > on mounting the head (and paddles), one way or another, just off
> > the end of the
> > > center arm rest so I can easily twirl the VFO and operate the rig
> > as I drive.
> > > It's the box I can't find a good spot for which is surprising
> > considering how
> > > small it is. Keeping them joined and mounting the whole rig over
> > the center
> > > console isn't a bad idea but I was hoping for something a little
> > cleaner. It
> > > looks to be possible to mount the box where I originally had hoped
> > to, below the
> > > driver's side dash, but it's going to be tight and rigging up a
> > mount is going
> > > to be tricky. I'll keep pondering my options.
> > >
> > > Lou W7DZN My radio is in a tupperware container in the rear of my
> > chevy blazer with some venting cut into it. That way nothing can
> > damage it and it just looks like some storage to anyone peeking
> > inside.the head is mounted on the dash with double sided tape.
> >
> >
> >
> >
> > ------------------------------------------------------------------------
> > ------------------------------------------------------------------------
> >
> > Message: 10
> > Date: Mon, 11 Feb 2002 10:48:55 -0500
> > From: "Jeff kb2m" <kb2wqm@...>
> > Subject: Re: Ford Explorer
> >
> > Just posted 3 pics to the 97 explorer installation pic
(Message over 64 KB, truncated)

# 12268. Re: [FT100] Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 21:43:41 UTC
From: luiz lissoni
Topic: 12232  Message: 12268

Folks, I am a owner of an 100D with this problem. Do you think a person with no skills in electronics could make the mods or I should send it to the tech service ? Tks --- "Bruce A. Chambers" wrote: Does he mean "brass fittings" or copper tape? I opened mine up to see what was inside. I was hoping to find a thermosister? Instead I found "copper tape" over the edges of the cover. Is this what you mean? TNX
Bruce kb4ifs

Ham_Tech@... wrote:

> Hi guys/gals,
>
> I just talked to a Vertex Standard rep.
>
> I was confused about the reason of the FT-100D having mods to add.
>
> He explained that instead of Yaesu calling the repairments the radio;
> "fixings" (change out components for new ones: Yaesu would call them
> "modifications" or "mods" (adding new components to the FT-100D
> board/modules.
>
> I also asked about the Hi SWR icon problem. He said that the
> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of his
> own words he said, "We would take the radios and open them up to find
> this problem to be false. Then they would call it stupid (mainly
> frustrations to a repeated problem) and slap it around a bit to make
> it work correctly (I assume that they do some reprogramming of or
> replacement of the chip), then send it back to the owner."
>
> He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
>
> I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their production
> department, which the Rep. mentioned.)
>
> Here is how to see if it is the latest model:
>
> Open up the cover and look for brass fittings on the inside...of the
> lids and boards.
>
> I hope that this has helped you. And to Lee Devlin, this guy thinks
> that you have a pretty cool site with the modification links.
>

> Daniel
> kg4dni
>
>
>
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> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
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[Non-text portions of this message have been removed]

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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# 12269. Re: Digest Number 1103

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 22:30:13 UTC
From: w1pa
Topic: 12267  Message: 12269

<6000 lines deleted up to here...>

--- Bottom Line
> > Yaesu ought to be taken to court on a class action suit,of all the
> FT-100;s and D models out their with problem.
> Someone summed it up greatly,Someone at Yaesu desighned the FT-
100 that
> probably never operates
> a radio or as much has a Ham license.
> ANY STRIVING ATTOURNIES OUT THERE
> >

For those of use who are band-width limited, could please avoid
including the entire digest when you reply?

Thanks,

Bill
W1PA

# 12270. Re: Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 22:42:59 UTC
From: backhoefade
Topic: 12232  Message: 12270

I suggest sending it in. Ask for two things: 1) "SWR icon" spurious oscillation "modification" 2) "VHF/UHF fan" "modification I wouldn't recommend working on it unless you have pretty good soldering and electro/mechanical skills. --- In FT100@y..., luiz lissoni wrote: > Folks, > > I am a owner of an 100D with this problem. Do you > think a person with no skills in electronics could > make the mods or I should send it to the tech service > ? > > Tks > --- "Bruce A. Chambers" wrote: > > > > > > > Does he mean "brass fittings" or copper > tape? I opened mine up to see
> what was inside. I was hoping to find a thermosister? > Instead I found
> "copper tape" over the edges of the cover. > Is this what you mean? TNX
> Bruce kb4ifs
>
> Ham_Tech@j... wrote:
>
> > Hi guys/gals,
> >
> > I just talked to a Vertex Standard rep.
> >
> > I was confused about the reason of the FT-100D > having mods to add.
> >
> > He explained that instead of Yaesu calling the > repairments the radio;
> > "fixings" (change out components for > new ones: Yaesu would call them
> > "modifications" or "mods" > (adding new components to the FT-100D
> > board/modules.
> >
> > I also asked about the Hi SWR icon problem. > He said that the
> > microprocessor was displaying a 'False' > representation, and thus
> > telling the microprosser to drop the power > output. In the jist of his
> > own words he said, "We would take the radios > and open them up to find
> > this problem to be false. Then they would > call it stupid (mainly
> > frustrations to a repeated problem) and slap it > around a bit to make
> > it work correctly (I assume that they do some > reprogramming of or
> > replacement of the chip), then send it back to > the owner."
> >
> > He said that after the new supply of FT-100Ds > that Japan has been
> > sending out, the calls have slowly decreased.
> >
> > I asked him how I could tell that is was the > latest version of the
> > FT-100D and that it would not have anymore of > these SWR problems.
> > (Which Yaesu Japan, have been able to catch up > on, in their production
> > department, which the Rep. mentioned.)
> >
> > Here is how to see if it is the latest model:
> >
> > Open up the cover and look for brass fittings on > the inside...of the
> > lids and boards.

> >
> > I hope that this has helped you. And to Lee > Devlin, this guy thinks
> > that you have a pretty cool site with the > modification links.
> >
> > Daniel
> > kg4dni
> >
> >
> >
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> &nbs p; > ADVERTISEMENT
>
>
> >
> > Post > message: > FT100@y...
> > > Subscribe: > FT100-subscribe@y...
> > > Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> > List > owner: &nbs p; > FT100-owner@y...
> > FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa
q.html
> >
> > We are all a part of this Lets make it as good as > possible.
> >
> > Your use of Yahoo! Groups is subject to the > Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been > removed]
>
> > >
> > > > >
>
>
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lrecm/*http://shopping.yahoo.com/promotions/flowers/index.html" >
src="http://us.a1.yimg.com/us.yimg.com/a/an/anchor/shopping/flowers_02
/flowers_lrec_new.gif" > alt="" width="300" height="250" > border="0">
>
>
src="http://us.adserver.yahoo.com/l?
M=221000.1882886.3382503.1261774/D=egroupmail/S=1705063108:HM/A=965714 /rand=678691767">
>
> > > > > >
> > Post > message: > FT100@y...

> Subscribe: > FT100-subscribe@y...
> Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> List > owner: &nbs p; > FT100-owner@y...
> FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa
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>
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# 12271. reposting

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 23:12:43 UTC
From: Mark Harper
Topic: 12271  Message: 12271

hi

could someone sort out why somebody is sending the digest back to the list, one of my digests is over 100k!

mark

# 12272. RE:Re: [FT100] Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 07:28:07 UTC
From: lhlousek@nvbell.net
Topic: 12232  Message: 12272

A person with no skills in electronics??? I ask, are we not hams?! I would encourage you to do it yourself or to find an elmer that will give you a hand. You gotta start somewhere. Of course, if it is still under warantee, it's another matter. Doing it yourself would probably void the warantee. Lou W7DZN ----- Original Message ----- >>Date: Tue, 12 Feb 2002 13:43:41 -0800 (PST) >>From: luiz lissoni ...Do you think a person with no skills in electronics could make the mods or I should send it to the tech service _____ The simple way to read all your emails at thatweb http://www.thatweb.com

# 12273. Re: [FT100] reposting

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-12 23:44:42 UTC
From: Howard Cunningham
Topic: 12271  Message: 12273

Why dont you ask the person that sent the digest?

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@macrollc.com

>>> "Mark Harper" <markmdh@...> 02/12/02 06:12PM >>>
hi

could someone sort out why somebody is sending the digest back to the list, one of my digests is over 100k!

mark

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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# 12274. RE: [FT100] SWR Question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 00:27:01 UTC
From: Blaine
Topic: 12236  Message: 12274

Hi John,

I received the same information from a tech who knows the FT100/D. The "O" is OK. This is not documented in my manual.

Blaine, VE7CQX
-----Original Message-----
From: John McClain [mailto:digi2@...]
Sent: Monday, February 11, 2002 3:17 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] SWR Question

I will pass along what the tech at Yaesu told me. The "SWR X" icon means that the rig is seeing a high SWR. The "SWR O" icon means that a "TUN" operation to either an ATAS-100 antenna or an FC-20 tuner completed successfully with low reflected power and it should not be seen at any other time. If anyone knows or heard anything different please pipe up and fill us in because I have no faith in the tech that told me this. He didn't know much about the FT-100 so, while I was on hold, he talked to the lead FT-100 tech and then passed the info on to me.

John
K7SVV@...
----- Original Message -----
From: box542
To: FT100@yahoogroups.com
Sent: Monday, February 11, 2002 11:09 AM
Subject: [FT100] SWR Question

OK, so maybe I missed something. What does the SWR icon with the O or 0(zero) mean? I get that on my FT-100 from time to time.

If it's explained in the manual, then I need to get glasses!!

Thanks in advance!!

Bruce

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[Non-text portions of this message have been removed]

# 12276. tx mod didn't work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 04:18:02 UTC
From: usgsj
Topic: 12276  Message: 12276

Hello listies.

I bought a used FT-100D which had been back to Yaesu for
the "hi swr" and "fan" mods.

I tired the expanded TX mod. Removded R6036 (R6035 was not
installed). I carefully went through the steps using
the [DWN] button on the front of the radio. I didn't see
the display "r on", "HF on" or "vU on" and it will not
xmit out of band.

Thinking I had perhaps used the wrong [DWN] button and
I should use the [DWN] button on the mic I went through
the steps again. Still no dice.

I had the rig on 375.72727 when I powered it up the
first time, and not in the HF portion - don't know if
that made a difference.

Does anyone have any ideas/solutions ? Perhaps
reset the CPU somehow and start over ?

TIA, John NA3J

# 12277. Answer from Japan on the removal of the FT100 manual!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 08:06:54 UTC
From: Ham_Tech@juno.com
Topic: 12277  Message: 12277

Hi guys,

Here is the message I received back from Vertex Standard Japan.
My message is right after it.

Daniel

--------- Forwarded message ----------
From: "Vertex Standard Co., Ltd." <vs-int@...>
To: <ham_tech@...>
Date: Wed, 13 Feb 2002 16:26:20 +0900
Subject: Re: need an answer, please
Message-ID: <00ea01c1b45f$c4216420$4901020a@ws176>
References: <20020212.004847.-16652251.13.Ham_Tech@...>

VERTEX STANDARD CO., LTD.
4-8-8 NAKAMEGURO
MEGURO-KU, TOKYO
JAPAN 153-8644
TEL: 81-3-5725-6111
FAX: 81-3-5725-6201
Date: February 13, 2002
Ref: kt/020213

Dear Mr. Brinneman:

Thank you for your e-mail dated February 12, 2002, concerning the
distribution of manuals for our products.

Although we greatly appreciate your kind offer, our company policy does
not allow it. As our capabilities to write in English are limited, we
have forwarded your e-mail to our U.S. subsidiary. They will be in
contact with you shortly to answer your questions.

We ask you to kindly direct any further questions or concerns you may
have
to our U.S. office at the following address. They are more capable of
assisting you in your language, and will be happy to help you now or
anytime in the future.

VERTEX STANDARD
USA HEADQUARTERS
17210 Edward Road
Cerritos, CA 90703
U.S.A.
Tel: (562) 404-2700
Fax: (562) 404-1210

E-mail: amateursales@...
URL: http://www.vxstd.com

We thank you sincerely for your patronage, and wish you the best of luck with your amateur radio hobby. We remain,

Very truly yours,

VERTEX STANDARD CO., LTD.

Ms. K. Tazawa
Customer Relations Department

cc: Vertex Standard USA

----- Original Message -----
From: <ham_tech@...>
To: <vs-int@...>
Sent: Tuesday, February 12, 2002 9:40 AM
Subject: need an answer, please

Greetings Ms. K. Sudo,

I was refered to your email address by:

Bob Baillargeon - VE3MPG
Ottawa Canada

I have made a mistake.
I am subscribed to a yahoogroup for the FT100(D).
I read alot of emails, concerning people whom had forgotten their manuals at home, and were out in the field or overseas.
I wanted to provide a scanned copy of the FT100 Owners Manual so that they could have easy access to it.
I did see the note on the back of the manual about reproducing it, but I took it as for me not to scan it and then sell it to make money for myself since you were the company that produced the radio and the manual.
I told some of my advisors that which I wanted to do, and they saw nothing wrong with it, as long as I did not sell the manual for a profit.
I should be shot for this. I know I should have asked you first before distributing it. And now after receiving an email from another ham, my consciense is bothering me.
---
Please, give me another chance. I am asking you now; is it okay for me to go ahead and keep distributing the Owners manual and can I do any other copying of Yaesu manuals for the good of your customers?? I am not intending at all to sell the materials, but only get reimbursement if need be, for shipping and handling.

I was also thinking of creating a two-CD companion for the group/owners of the FT-100(D) so that they could have the manual on CD with copies of the FT-100 Service Manual, Owners Manual, the ATAS-100 Service Manual, FC-20 Service Manual, etc... So when their 1-year warranty expires they

will have enough information to do any repairs on the radio down the road from now???

Please give me your answer.

Daniel Brinneman
kg4dni
Ham_Tech@...

---
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# 12278. need voltage inputs for the HS Screwdriver antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 08:23:42 UTC
From: Ham_Tech@juno.com
Topic: 12278  Message: 12278

Hi guys,

For you High Screwdriver Antenna guys, what voltage inputs does the antenna have?

Is it a +12V~+13.8V and a Gnd??

Or is it different than that.

Daniel
kg4dni

---
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# 12279. RE: [FT100] need voltage inputs for the HS Screwdriver antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 13:36:39 UTC
From: n3jpu
Topic: 12278  Message: 12279

+12V and a Ground. Reverseable. About 250mA.

-----Original Message-----
From: Ham_Tech@... [mailto:Ham_Tech@...]
Sent: Wednesday, February 13, 2002 03:24
To: FT100@yahoogroups.com
Subject: [FT100] need voltage inputs for the HS Screwdriver antenna

Hi guys,

For you High Screwdriver Antenna guys, what voltage inputs does the
antenna have?

Is it a +12V~+13.8V and a Gnd??

Or is it different than that.

Daniel
kg4dni _____
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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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http://docs.yahoo.com/info/terms/

# 12280. Re: [FT100] TX mod - did not work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 17:24:26 UTC
From: Albert Furlow
Topic: 12280  Message: 12280

Try it again, it took me twice to get it. AL
----- Original Message -----
From: usgsj
To: FT100@yahoogroups.com
Sent: Tuesday, February 12, 2002 21:55 PM
Subject: [FT100] TX mod - did not work

Hello listies.

I bought a used FT-100D which had been back to Yaesu for
the "hi swr" and "fan" mods.

I tired the expanded TX mod. Removded R6036 (R6035 was not
installed). I carefully went through the steps using
the [DWN] button on the front of the radio. I didn't see
the display "r on", "HF on" or "vU on" and it will not
xmit out of band.

Thinking I had perhaps used the wrong [DWN] button and
I should use the [DWN] button on the mic I went through
the steps again. Still no dice.

Does anyone have any ideas/solutions ?

TIA, John NA3J

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[Non-text portions of this message have been removed]

# 12281. ALTERNTE WORKSITE

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 22:23:11 UTC
From: kb4ifs
Topic: 12281  Message: 12281

It appears my FT100D got alittle deaf when trying to tune it into a random length dipole. I thought it would work on ten meters and am using a FC-20 tuner. So I think I have the "SWR" problem.Is there an alternate site that will perform the modifications instead of Yeasu? I really want to get on the air and don't want to wait 6-8 weeks. Any suggestions?

# 12282. FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 22:24:11 UTC
From: kb4ifs
Topic: 12282  Message: 12282

Just received aa FC-20 Tuner. Anyone having problems out there with theirs?

# 12283. Re: [FT100] FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 22:38:53 UTC
From: Mark Tetrault
Topic: 12282  Message: 12283

On Wed, 13 Feb 2002 22:24:11 -0000, you wrote:

>Just received aa FC-20 Tuner. Anyone having problems out there with
>theirs?
>

Nope, I've had one for over a year now with no problems.

Mark

# 12284. Re: [FT100] FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 22:45:04 UTC
From: G1ITV
Topic: 12282  Message: 12284

No...Not at all

Ken M3ITV

----- Original Message -----
From: kb4ifs <chambersb@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 13, 2002 10:24 PM
Subject: [FT100] FC-20 TUNER

> Just received aa FC-20 Tuner. Anyone having problems out there with
> theirs?
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 12285. RE: [FT100] FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 01:12:18 UTC
From: Ronald Anderson
Topic: 12282  Message: 12285

No problem with mine either what seems to be the problems?
Ron Anderson - WA9PAM
http://webpages.charter.net/ronald

-----Original Message-----
From: kb4ifs [mailto:chambersb@...]
Sent: Wednesday, February 13, 2002 16:24
To: FT100@yahoogroups.com
Subject: [FT100] FC-20 TUNER

Just received aa FC-20 Tuner. Anyone having problems out there with
theirs?

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12286. A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 01:55:57 UTC
From: maryarnx
Topic: 12286  Message: 12286

I too saw the television commercial for a company located at http://hk852.to/coupon It really caught my attention because a week earlier a co-worker was talking about the program at the office. I don't take anything for granted so I did a little research about the company and thought it might be a good idea to give it a try. Well it turned out to be a good idea. On my very first trip to the supermarket I saved over 85% on my total bill. The savings were just the beginning it even included 8 different items that I got for free.I must have read at least a dozen different posts of people recommending this product but I never believed that anything could be this good. Well having saved over $146 on my very first supermarket trip certainly made a believer out of me.

Tracy Wills

# 12287. Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 02:31:05 UTC
From: David F. Morse
Topic: 12247  Message: 12287

---

Steve, I have my FT100 installed under a Tuffy Consul with Diamond VSWR meters inside. I built a special thin brass plate that fastens under the VHF output connector to provide a real ground. This ties to a brass plate that fastens to vehicle body ground. The ATAS100 is motor driven, horiz to vert position, and is grounded to body ground on the roof of my landcruiser with one inch braid. The motor system (Diamond) sticks up abt 4 " above roof rack on the Toyota Landcruiser. All this stuff actually works.
David in Denver
k0dar
//////////////////

>Thanks for the info. Good picture and idea on the eyebolt.
>Understand exactly what you were talking about when I saw your
>drawing.
>
>No problem if you can't get the pics. I just like to see what
>someone else has done and steal their ideas, uh I mean benefit from
>their experience.
>
>Thanks again,
>Steve
>

--

# 12288. RE: [FT100] Good news about the new radios (FT-100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 01:05:03 UTC
From: Mark Armfield
Topic: 12232  Message: 12288

A radio ham with no electronics skills. Sorry, never heard of that one. Is it a new world standard. Seriously, if it's under warranty, or you don't have the confidence to do it yourself, then send it back. Mark. G7MVO. -----Original Message----- From: luiz lissoni [mailto:py2mrd@...] Sent: 12 February 2002 21:44 To: FT100@yahoogroups.com Subject: Re: [FT100] Good news about the new radios (FT-100D) Folks, I am a owner of an 100D with this problem. Do you think a person with no skills in electronics could make the mods or I should send it to the tech service ? Tks --- "Bruce A. Chambers" wrote: Does he mean "brass fittings" or copper tape? I opened mine up to see
what was inside. I was hoping to find a thermosister? Instead I found
"copper tape" over the edges of the cover. Is this what you mean? TNX
Bruce kb4ifs

Ham_Tech@... wrote:

> Hi guys/gals,
>
> I just talked to a Vertex Standard rep.
>
> I was confused about the reason of the FT-100D having mods to add.
>
> He explained that instead of Yaesu calling the repairments the radio;
> "fixings" (change out components for new ones: Yaesu would call them
> "modifications" or "mods" (adding new components to the FT-100D
> board/modules.
>
> I also asked about the Hi SWR icon problem. He said that the
> microprocessor was displaying a 'False' representation, and thus
> telling the microprosser to drop the power output. In the jist of his
> own words he said, "We would take the radios and open them up to find
> this problem to be false. Then they would call it stupid (mainly
> frustrations to a repeated problem) and slap it around a bit to make
> it work correctly (I assume that they do some reprogramming of or
> replacement of the chip), then send it back to the owner."
>
> He said that after the new supply of FT-100Ds that Japan has been
> sending out, the calls have slowly decreased.
>
> I asked him how I could tell that is was the latest version of the
> FT-100D and that it would not have anymore of these SWR problems.
> (Which Yaesu Japan, have been able to catch up on, in their production
> department, which the Rep. mentioned.)
>
> Here is how to see if it is the latest model:
>
> Open up the cover and look for brass fittings on the inside...of the

> lids and boards.
>
> I hope that this has helped you. And to Lee Devlin, this guy thinks
> that you have a pretty cool site with the modification links.
>
> Daniel
> kg4dni
>
>
>
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&nbs p; ADVERTISEMENT

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

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# 12289. FT-100D es Battery Power

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 03:25:13 UTC
From: w6zip
Topic: 12289  Message: 12289

Has anyone expanded on the operation of the Ft-100D with say a 7-12 AmpHr battery and 5 watts output. Even though the rig does draw alot of current on receive, I would think that you could get 5-6 hrs. use and then some at low power. Anyone care to comment?? Thanks

# 12290. Re: [FT100] TX mod - did not work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 04:15:43 UTC
From: Einar Carlsen
Topic: 12280  Message: 12290

Why do you want to transmit out of the ham bands?
We complain when there is an intruder on the Ham Bands, so why should we fo likewise?
Einar VE7BAQ
----- Original Message -----
From: usgsj
To: FT100@yahoogroups.com
Sent: Tuesday, February 12, 2002 19:55 PM
Subject: [FT100] TX mod - did not work

Hello listies.

I bought a used FT-100D which had been back to Yaesu for
the "hi swr" and "fan" mods.

I tired the expanded TX mod. Removded R6036 (R6035 was not
installed). I carefully went through the steps using
the [DWN] button on the front of the radio. I didn't see
the display "r on", "HF on" or "vU on" and it will not
xmit out of band.

Thinking I had perhaps used the wrong [DWN] button and
I should use the [DWN] button on the mic I went through
the steps again. Still no dice.

Does anyone have any ideas/solutions ?

TIA, John NA3J

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[Non-text portions of this message have been removed]

# 12291. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 05:28:47 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12141  Message: 12291

Perhaps the noise on the AM BC band is low because the cheap paper capacitors (with two inch leads) used for noise filtering by the auto makers are effective below 1.6 MHz and the natural noise rejection of the FM side of the broadcast receiver ignores the noise there. Probably all the existing coil primary and computer connection bypasses (along with the fuel pump and electric fan motors) need to have disk ceramic capacitors wired in parallel but with zero length leads between the power wire and ground. Difficult to accomplish unless the power lead is routed past a short standoff the height of the lead spacing on the disk ceramic capacitor, or a feed through capacitor is used for that standoff and the wire interrupted in its path to the coil or computer or electric motor...

73, Jerry, K0CQ
--
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# 12292. Out of band transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 19:00:32 UTC
From: ve7baq
Topic: 12292  Message: 12292

I wonder if I am missing something here. Why do we study, and try to learn operating practices and regulations etc. in order to get a Ham tickets and privileges that go with it? Why do people spend good bucks to buy an Amateur Transceiver and then spend so much time trying to get it to transmit out of the Ham Bands? The last I time I looked at regulations, this is illegal operation.

I can understand spending time and effort to make your rig work a bit better, or tailoring it to fit our personal tastes or requirements, or for more convenience in operating.

But "out of band" transmitting seems odd to me. Almost every day there is a message on packet and other modes griping about intruders on one or other of our ham bands. There was a discussion the other day on e-Ham I believe, about the FCC allowing commercial users to use some of the UHF bands for "temporary" operation for the
Winter Olympics. Almost everyone said no. Some said that this had been done before for some other function and the result was they are still using these frequencies on a "shared" basis. They were never returned for exclusive ham use.

Experimenting with our ham gear has always been a great part of Ham Radio. Almost all of our older hams have built their own rigs at one time or other and it has been good for ham radio, but to flaunt the regulations in the name of "I just wanted to do it" seems to me to be counter-productive.
Just a few thoughts
VE7BAQ

# 12293. CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 19:39:58 UTC
From: jordan0129
Topic: 12293  Message: 12293

hi,

just taking a poll on how many users would be interested in
registering for the CATsPAW version 1.0 program.

registration would be $20 and would include full version of the
CATsPAW Ft100 computer control program + help and user files + all
future updates.

i'm taking this poll because the current program which allows SWR
graph plot and Activity graphs uses a 'demo' graphing package. the
FULL graphing package costs $240.

if there is a lot of interest on CATsPAW, i will fork the $240 to buy
the package and release version 1 this March.

let me know.
email me at jms.paw@...

73's
N2OHZ

# 12294. HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 19:42:43 UTC
From: wb6lau
Topic: 12294  Message: 12294

Any suggestions on how to cure the iginition noise I am getting running a FT100D and ATAS100 in a 2002 F150 5.4 liter gas engine truck. Antenna is mounted on a Diamond mount secured to the back door lip and power is run directly from the battery. Ignition noise blanks out all but the strongest signals. Possibly grounding the rig to the truck chassis?? with a separate wire??
Thanks
73's
Jack

# 12295. Re: [FT100] FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 23:54:19 UTC
From: Glen Johnstone
Topic: 12282  Message: 12295

At one time I thought it went south but I had unknowingly deselected the TUN function on the FT-100D.
Glen, NK1N

----- Original Message -----
From: "kb4ifs" <chambersb@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 13, 2002 17:24 PM
Subject: [FT100] FC-20 TUNER

> Just received aa FC-20 Tuner. Anyone having problems out there with
> theirs?
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 12296. Re: spurious oscillation design flaw in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 00:54:52 UTC
From: hfolgering
Topic: 12232  Message: 12296

I use a liquid flux remover,available from most electronics
stores.Just spray it on,hold the board or radio vertical and let it
run off.Follow with a quick blast of (low pressure) compressed air,
and presto,all the flux is gone and the board looks like new..

73,
Herman VE5hfd

--- In FT100@y..., "Albert Furlow" <albeham@e...> wrote:
> how did you, and what did you use clean the flux up with? KA1FFO
> ----- Original Message -----
> From: hfolgering
> To: FT100@y...
> Sent: Monday, February 11, 2002 22:24 PM
> Subject: [FT100] Re: spurious oscillation design flaw in FT-100D
>
>
> I use my ft100 mainly as a base station.antenna is a multiband
dipole
> fed with an open wire feedline thru a mfj tuner and 4:1 balun.
> Shortly after buying the radio and tuner,I had problems tuning on
10
> and 12 meters.At first I thought the tuner was at fault,but after
> reading all the messages about high SWR and blown finals I some
> experimenting.Attempting to tune up above 29 Mhz was
impossible.SWr
> and power went right of the scale,even with power turned all the
way
> down.Frequency counter placed next to the open wire feedline did
not
> show 29 Mhz but something abt. half of that,14,XXX Mhz.so there
was
> some parasitic oscillation happening here.I have made the
following
> modifications:first of all I removed the LPF board and cleaned and
> tinned all 5 mounting poits under the board in order to get better
> grounding.This helped somewhat,but it was far from perfect
yet.Than I
> did the mod.as is picured on this webside with the copper straps
> screwed on to the centre rib.Rig is now rock stable and will tune
any
> frequency up to 29.700 Mhz.To keep the V/U finals from destroying
> themselves I have cleaned all solder connections at srf 7043,there
was
> a lot of solder flux left on them.I have also added a 68 Ohm

resistor
> between the negative fan wires and ground in order to keep the
fans
> running at low speed.rig stays nice and cool even after long
periods
> of receive in VHF.And last I have added an extra ground strap from
the
> centre rib to the coax connector J3001 on the PA board.Hopefully
this
> will keep the V/U final amp from destroying itself,I am convinced
that
> these also die because of a ground loop or parasitic
oscillation,since
> several people have reported them blowing in receive.Hope this wil
be
> helpfull.
> 73 ve5hfd
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > I have to respond to the guy's comment about the "microprocessor
> > displaying a false representation". Either that statement was a
lie
> > or the guy was mis-informed. I have personally measured the
> spurious
> > oscillations which occur while the SWR icon is showing up when
it
> > shouldn't. There are spurious tones at roughly 13.65 MHz and 2
> times
> > and 3 times that frequency. They are real emissions which,
since
> the
> > antenna generally isn't resonant at those spurious frequencies,
> cause
> > a true high SWR condition, which the SWR sensing circuitry sees,
as
> > it should, and which then causes the rig to pull back on its
output
> > power, as it should. So "BS !!!" about the "display of false
> > representation". The only "false representation" is the comment
> > about the problem!
> >
> > It's not clear precisely what causes the spurious oscillation.
> There
> > has been speculation that the RF gets into the synthesizer which
> > causes the synthesizer to output spurious signals in addition to
its
> > desired output. There has been speculation that the spurious
> > oscillations occur in the PA section or combination of PA/Filter
> > sections.
> >
> > But the truth I wanted to bring to the group is that the

spurious
> > oscillations that result in the SWR icon are real. The SWR icon
is
> > displayed because the SWR really is high at those spurious
> > frequencies.
> >
> > --- In FT100@y..., Ham_Tech@j... wrote:
> > > Hi guys/gals,
> > >
> > > I just talked to a Vertex Standard rep.
> > >
> > > I was confused about the reason of the FT-100D having mods to
add.
> > >
> > > He explained that instead of Yaesu calling the repairments the
> > radio; "fixings" (change out components for new ones: Yaesu
would
> > call them "modifications" or "mods" (adding new components to
the
> FT-
> > 100D board/modules.
> > >
> > > I also asked about the Hi SWR icon problem. He said that the
> > microprocessor was displaying a 'False' representation, and thus
> > telling the microprosser to drop the power output. In the jist
of
> > his own words he said, "We would take the radios and open them
up to
> > find this problem to be false. Then they would call it stupid
> > (mainly frustrations to a repeated problem) and slap it around a
bit
> > to make it work correctly (I assume that they do some
reprogramming
> > of or replacement of the chip), then send it back to the owner."
> > >
> > > He said that after the new supply of FT-100Ds that Japan has
been
> > sending out, the calls have slowly decreased.
> > >
> > > I asked him how I could tell that is was the latest version of
the
> > FT-100D and that it would not have anymore of these SWR
problems.
> > (Which Yaesu Japan, have been able to catch up on, in their
> > production department, which the Rep. mentioned.)
> > >
> > > Here is how to see if it is the latest model:
> > >
> > > Open up the cover and look for brass fittings on the
inside...of

> > the lids and boards.
> > >
> > > I hope that this has helped you. And to Lee Devlin, this guy
> > thinks that you have a pretty cool site with the modification
links.
> > >
> > > Daniel
> > > kg4dni
>
>
>
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>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 12297. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 01:04:24 UTC
From: n2qgv
Topic: 11958  Message: 12297

--- In FT100@y..., "hanksterrus" <hanksterr@h...> wrote:
> The fan mod and the rf mod were done at the factory, I became
curious
> after reading all the posts and decided to open the radio. They are
> already done. The screws that hold down the coper strips are
clearly
> visible
> and the fans run on uhf and vhf when the rig gets a little warm.

Don't know how to tell you this, but, are you saying you opened your "NEW" FT-100D and the above mods were done to your "NEW" radio? Got my factory mods done in December 2001, and Yaesu is not using drilled screws anymore as shown in early mod pictures. Grounding straps are slipped over frame and clamped with grippers built into the straps. They have engineered the straps (probably have a part number) and are not just cutting, bending, sodering, and fastening copper straps.

Does Yaesu re-ship factory refurbished/returned radios? Do dealers have to tell that you are buying one? Would a dealer take a return and re-sell it as new? I suspect you have some investigating to do.

# 12298. Re: [FT100] ALTERNTE WORKSITE

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 01:50:11 UTC
From: france antelme
Topic: 12281  Message: 12298

From the limited literature available, the FC-20 has a very limited tuning capacity and was designed to match a load with a VSWR of no more than about 3:1 to the 50 ohms nominal that FT847/100 PA wants to see.

This means that it appears that it was intended to be no more than a "Line Flattener" capable of tuning out the VSWR excursions resulting from tuning a resonant dipole or beam from the top to the bottom of design band

i.e. Tuning a 40m dipole from 7-7.3MHz etc.
see the following URL:
http://my.en.com/~rayd/ft-847/FAQ/page2.htm#matchrange

So, I dont think that your FC20 is faulty - it just plain can't tune the load you are presenting it.

It isn't designed to match a random wire antenna which, depending on the length relative to the operating wavelength, could have a driving point impedance of anywhere between 10's of ohms to thousands of ohms, reactive.

If you want to tune random wire antennas, you need to use an ATU that was designed for the purpose.

The SGC 230/237/239 series ATU's are designed for tuning random length wire antennas and they seem to work well with the FT100.

France K6QO

--- kb4ifs <chambersb@...> wrote:
> It appears my FT100D got alittle deaf when trying to
> tune it into a
> random length dipole. I thought it would work on ten
> meters and am
> using a FC-20 tuner. So I think I have the "SWR"
> problem.Is there an
> alternate site that will perform the modifications
> instead of Yeasu? I
> really want to get on the air and don't want to wait
> 6-8 weeks. Any
> suggestions?
>
>

_____
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# 12299. durango installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 03:01:41 UTC
From: kc8met@aol.com
Topic: 12299  Message: 12299

hello everyone

Attached is a picture of my atas 100 installation on my durango, I mounted on to the trunk lid with a diamond k400c and a additional ground wire to the
chassis of the car , and the car fits in the garage with no hassle, works extremely
well for me.

Good luck with the installation

73r Leen kc8met

[Non-text portions of this message have been removed]

# 12300. Re: [FT100] Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-13 22:17:13 UTC
From: Ham_Tech@juno.com
Topic: 11958  Message: 12300

Can you put pictures on the FT100 webboard's photos section??

Daniel

---
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# 12301. Re: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 03:29:04 UTC
From: John McClain
Topic: 12294  Message: 12301

Jack,
Sorry to hear about your noise problem. I don't have any suggestions other than the usual ones you normally hear. I have a 2002 F150 6CYL XLT Extended Cab with a manual transmission truck with the ATAS-100 mounted on top of a pickup toolbox located across the bed under the rear window and I have almost no ignition noise, alternator whine, or fuel pump noise.

John
K7SVV@...
----- Original Message -----
From: wb6lau
To: FT100@yahoogroups.com
Sent: Wednesday, February 13, 2002 12:42 PM
Subject: [FT100] HELP - Ignition noise is driving me nuts

Any suggestions on how to cure the iginition noise I am getting
running a FT100D and ATAS100 in a 2002 F150 5.4 liter gas engine
truck. Antenna is mounted on a Diamond mount secured to the back
door lip and power is run directly from the battery. Ignition noise
blanks out all but the strongest signals. Possibly grounding the rig
to the truck chassis?? with a separate wire??
Thanks
73's
Jack

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[Non-text portions of this message have been removed]

# 12303. Re: TX mod - did not work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 03:38:31 UTC
From: usgsj
Topic: 12280  Message: 12303

Hi Einar,

I'm planning an extended trip to Australia - their 70 cm
band starts at 420 MHz......

Cheers,
John NA3J

--- In FT100@y..., "Einar Carlsen" <carls@c...> wrote:
>
>
> Why do you want to transmit out of the ham bands?
> We complain when there is an intruder on the Ham Bands, so why
should we fo likewise?
> Einar VE7BAQ

# 12304. Re: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 03:50:52 UTC
From: Albert Furlow
Topic: 12294  Message: 12304

you got to ground the gas pump, the one in the tank. I used a 4600pf cap electric, across the power leads to it, them ground the negative side to the truck... as ford about the kits to fix it.
----- Original Message -----
From: wb6lau
To: FT100@yahoogroups.com
Sent: Wednesday, February 13, 2002 13:42 PM
Subject: [FT100] HELP - Ignition noise is driving me nuts

Any suggestions on how to cure the iginition noise I am getting
running a FT100D and ATAS100 in a 2002 F150 5.4 liter gas engine
truck. Antenna is mounted on a Diamond mount secured to the back
door lip and power is run directly from the battery. Ignition noise
blanks out all but the strongest signals. Possibly grounding the rig
to the truck chassis?? with a separate wire??
Thanks
73's
Jack

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[Non-text portions of this message have been removed]

# 12305. RE: [FT100] Out of band transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 03:59:24 UTC
From: Jim Zimmerman
Topic: 12292  Message: 12305

Some people in the US are authorized to transmit outside of the ham bands. One example is MARS and another is CAP. I am a MARS operator and transmit daily outside of the normal ham bands. All of my radios have been legally modified.

Jim K0JLZ

-----Original Message-----
From: ve7baq [mailto:carls@...]
Sent: Wednesday, February 13, 2002 12:01 PM
To: FT100@yahoogroups.com
Subject: [FT100] Out of band transmissions

I wonder if I am missing something here. Why do we study, and try to learn operating practices and regulations etc. in order to get a Ham tickets and privileges that go with it? Why do people spend good bucks to buy an Amateur Transceiver and then spend so much time trying to get it to transmit out of the Ham Bands? The last I time I looked at regulations, this is illegal operation.

I can understand spending time and effort to make your rig work a bit better, or tailoring it to fit our personal tastes or requirements, or for more convenience in operating.

But "out of band" transmitting seems odd to me. Almost every day there is a message on packet and other modes griping about intruders on one or other of our ham bands. There was a discussion the other day on e-Ham I believe, about the FCC allowing commercial users to use some of the UHF bands for "temporary" operation for the
Winter Olympics. Almost everyone said no. Some said that this had been done before for some other function and the result was they are still using these frequencies on a "shared" basis. They were never returned for exclusive ham use.

Experimenting with our ham gear has always been a great part of Ham Radio. Almost all of our older hams have built their own rigs at one time or other and it has been good for ham radio, but to flaunt the regulations in the name of "I just wanted to do it" seems to me to be counter-productive.
Just a few thoughts
VE7BAQ

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# 12306. Re: [FT100] Re: TX mod - did not work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 04:22:06 UTC
From: Einar Carlsen
Topic: 12280  Message: 12306

Ok that would be a legit mod. The first thing an older ham asked me when I got my FT-100D was if it could transmit out of band! I aske him, Why? He had no valid reason except he thought it would be nice to try!
Now you se what I meant. If it is for a legit Ham use OK, but most just do it for no legit reason.
Cheers and have a good trip. Lots of DX
Einar

----- Original Message -----
From: usgsj
To: FT100@yahoogroups.com
Sent: Wednesday, February 13, 2002 19:38 PM
Subject: [FT100] Re: TX mod - did not work

Hi Einar,

I'm planning an extended trip to Australia - their 70 cm
band starts at 420 MHz......

Cheers,
John NA3J

--- In FT100@y..., "Einar Carlsen" <carls@c...> wrote:
>
>
> Why do you want to transmit out of the ham bands?
> We complain when there is an intruder on the Ham Bands, so why
should we fo likewise?
> Einar VE7BAQ

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[Non-text portions of this message have been removed]

# 12307. 817 and PSK NOMIC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 04:59:27 UTC
From: James Carmody
Topic: 12307  Message: 12307

Again on the bigger user group board:

The Nomic sets up fast and works very well with the 817--no learning curve even for a dolt like me.

So, I look forward to using it also one day with my FT 100. Is there a conversion device from the larger FT 817 mike plug to the smaller FT 100 plug? And why would Yaesu make them different?

Jim/nn5o

=====
James A. Carmody, nn5o, carmody@...
Voice Mail: 713 446 4234; eFax: 815 461 5321

---------------------------------------------------
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# 12308. Re: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 11:39:11 UTC
From: Jeff kb2m
Topic: 12294  Message: 12308

Ford issued a service bulletin for the fuel pump noise. I don't have the number's here, as my 1998 Exploder is out of warranty and doesn't really have a big noise problem. Go to your Ford dealer and ask for any service bulletins they have on fuel pump noise. My dealer printed out quite a list, then looked up a part number from the list. I don't have this info any more as I gave all I had to a fellow ham who had a problem and needed the info. Some one on the list might have it, if not I can call my friend and get it and post it here this afternoon.
Bottom line, Ford will fix the fuel pump noise with a noise suppression device that installs INSIDE the fuel tank.

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 12309. Re: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 12:29:58 UTC
From: byrddawg
Topic: 12294  Message: 12309

Howdy Jack......A good place to start formulating a plan of attack can
be found by going to http://www.arrl.org/tis/info/rfiignit.html....73's,
Paul

wb6lau wrote:

> Any suggestions on how to cure the iginition noise I am getting
> running a FT100D and ATAS100 in a 2002 F150 5.4 liter gas engine
> truck. Antenna is mounted on a Diamond mount secured to the back
> door lip and power is run directly from the battery. Ignition noise
> blanks out all but the strongest signals. Possibly grounding the rig
> to the truck chassis?? with a separate wire??
> Thanks
> 73's
> Jack
>
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 12310. RE: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 12:26:21 UTC
From: n3jpu
Topic: 12294  Message: 12310

When I had my '95 Land Rover Discovery with a V8 I had the same problem. I put a set of Magnecor KV-85 spark plug wires in and dropped to ignition noise to zero even with the NB off. No guarantees but it worked in my case.

http://www.magnecor.com/

-----Original Message-----
From: wb6lau [mailto:kayej@...]
Sent: Wednesday, February 13, 2002 14:43
To: FT100@yahoogroups.com
Subject: [FT100] HELP - Ignition noise is driving me nuts

Any suggestions on how to cure the iginition noise I am getting running a FT100D and ATAS100 in a 2002 F150 5.4 liter gas engine truck. Antenna is mounted on a Diamond mount secured to the back door lip and power is run directly from the battery. Ignition noise blanks out all but the strongest signals. Possibly grounding the rig to the truck chassis?? with a separate wire??
Thanks
73's
Jack

# 12311. RE: [FT100] Out of band transmissions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 12:28:18 UTC
From: n3jpu
Topic: 12292  Message: 12311

Ditto.

There are some legitimate reasons.

-----Original Message-----
From: Jim Zimmerman [mailto:k0jlz@...]
Sent: Wednesday, February 13, 2002 22:59
To: FT100@yahoogroups.com
Subject: RE: [FT100] Out of band transmissions

Some people in the US are authorized to transmit outside of the ham bands. One example is MARS and another is CAP. I am a MARS operator and transmit daily outside of the normal ham bands. All of my radios have been legally modified.

Jim K0JLZ

-----Original Message-----
From: ve7baq [mailto:carls@...]
Sent: Wednesday, February 13, 2002 12:01 PM
To: FT100@yahoogroups.com
Subject: [FT100] Out of band transmissions

I wonder if I am missing something here. Why do we study, and try to learn operating practices and regulations etc. in order to get a Ham tickets and privileges that go with it? Why do people spend good bucks to buy an Amateur Transceiver and then spend so much time trying to get it to transmit out of the Ham Bands? The last I time I looked at regulations, this is illegal operation.

# 12312. Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 13:23:43 UTC
From: k5unm
Topic: 12294  Message: 12312

I have a 2001 F150 Triton 5.4 liter V8 also. I run an ATAS100 and a High Sierra 1500 from custom mounts off the trailer hitch in the rear of the vehicle. I also have the ignition noise problem, however the Triton I have does not have spark plug wires!, it uses eight (8) individual spark coils with eight (8) injector coils for each cylinder. The noise is coming from the coils, and is radiated. I have ferrite choked each set of eight (8) coil wires, and injectors, I have tried to use thin mumetal to limit the radiated enrgy, I have grounded the engine to frame from several points with heavy braid to a common chassis point. About the only thing I have not done is pi filtered the coil and injector leads. Shielding the eight wires from each of the injectors and coils to their source would be an extreme last resort since that would require removing the electrical harness to accomplish. I have also overbraided the coax feed line to the antenna and made the ground at the antenna to the same frame rail as the engine grounds. I also have a pi filter in the power leads from the battery at battery end and double braid shielded the power leads to the radio. I have the seperation kit and mounted the radio under the passenger seat with a 1.5 inch braid from the mounting screws thru the floor grommet to the frame rail, same rail for the engine and antenna, passenger side. All the seperation kit wires are ferrite choked and shortened to remove excess length. I have also braided the hood to the frame rail and all body panels to the frame, you would be surprised to learn they are not really grounded. I used my spectrum analyzer to measure each modification effect to reduce the impulse noise and found that none of them really helped the radiated energy getting into the antenna port. If I disconnect the antenna coax and terminate with 50ohm Narda load there is NO impulse ignition noise in the radio, but as soon as any type of lead is attached to the antenna coax the ignition noise is there. If you find anything that works that I have not tried I would appreciate some feedback, otherwise do as I do run with the NB almost at maximum and live with the vehicle noise or get something else to drive like a horse or mule that is RFI quiet!!!!

# 12313. Re: Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 13:33:29 UTC
From: Steve Hammond
Topic: 12247  Message: 12313

David:

So you are using the K9000 mount for your ATAS?

Thanks,
Steve

# 12314. Re: [FT100] Re: TX mod - did not work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 13:20:15 UTC
From: Lee Boulineau
Topic: 12280  Message: 12314

Other reasons for out-of-band transmit are:

1) as an If for a transverter i.e. 22 to 25 Mhz to run
a 222-225 Mhz transverter.
2) In an emergency - Part 1 of the US FCC rules is
real clear - to protect lives, you can transmit on any
frequency (But be REAL CAREFUL that it is a legitimate
emergency!!!)

73 de N4MVL

Lee

--- Einar Carlsen <carls@...> wrote:
> Ok that would be a legit mod. The first thing an
> older ham asked me when I got my FT-100D was if it
> could transmit out of band! I aske him, Why? He
> had no valid reason except he thought it would be
> nice to try!
> Now you se what I meant. If it is for a legit Ham
> use OK, but most just do it for no legit reason.
> Cheers and have a good trip. Lots of DX
> Einar
>
> ----- Original Message -----
> From: usgsj
> To: FT100@yahoogroups.com
> Sent: Wednesday, February 13, 2002 19:38 PM
> Subject: [FT100] Re: TX mod - did not work
>
>
> Hi Einar,
>
> I'm planning an extended trip to Australia - their
> 70 cm
> band starts at 420 MHz......
>
> Cheers,
> John NA3J
>
>
> --- In FT100@y..., "Einar Carlsen" <carls@c...>
> wrote:
> >
> >
> > Why do you want to transmit out of the ham

> bands?
> > We complain when there is an intruder on the Ham
> Bands, so why
> should we fo likewise?
> > Einar VE7BAQ
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>
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> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
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> We are all a part of this Lets make it as good as
> possible.
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>
> [Non-text portions of this message have been
> removed]
>
>
>

---
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# 12315. RE: [FT100] CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 10:58:03 UTC
From: Eric van de Weyer
Topic: 12293  Message: 12315

Hi Jordan,
tell me more about this CATsPAW program. What does it do? What is required
to connect it etc. I could be interested providint there is a simple way of
paying for it from here (VK)

73....Eric VK2KUR
-----Original Message-----
From: jordan0129 [mailto:jms.paw@...]
Sent: Thursday, 14 February 2002 6:40 AM
To: FT100@yahoogroups.com
Subject: [FT100] CATsPaw user poll

hi,

just taking a poll on how many users would be interested in
registering for the CATsPAW version 1.0 program.

registration would be $20 and would include full version of the
CATsPAW Ft100 computer control program + help and user files + all
future updates.

i'm taking this poll because the current program which allows SWR
graph plot and Activity graphs uses a 'demo' graphing package. the
FULL graphing package costs $240.

if there is a lot of interest on CATsPAW, i will fork the $240 to buy
the package and release version 1 this March.

let me know.
email me at jms.paw@...

73's
N2OHZ

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[Non-text portions of this message have been removed]

# 12316. Re: [FT100] Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 14:04:48 UTC
From: Grant Mitchell
Topic: 11958  Message: 12316

n2qgv wrote:
>

>
> Don't know how to tell you this, but, are you saying you opened
> your "NEW" FT-100D and the above mods were done to your "NEW" radio?
> Got my factory mods done in December 2001, and Yaesu is not using
> drilled screws anymore as shown in early mod pictures. Grounding
> straps are slipped over frame and clamped with grippers built into
> the straps. They have engineered the straps (probably have a part
> number) and are not just cutting, bending, sodering, and fastening
> copper straps.

Not True. Just got my FT-100D back from factory TEMP/SWR mods one week ago (4 week turnaround time) and the grounding mod uses straps that are SCREWED to the rib/frame and also soldered in the appropriate places. The straps are pre-drilled and formed to take small screws (looks like they were manufactured just for this purpose). The installation is VERY neat and clean.

73, Grant
N4GM

# 12317. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 14:37:20 UTC
From: w1pa
Topic: 11958  Message: 12317

> Not True. Just got my FT-100D back from factory TEMP/SWR mods one
week
> ago (4 week turnaround time) and the grounding mod uses straps that
are
> SCREWED to the rib/frame and also soldered in the appropriate
places.
> The straps are pre-drilled and formed to take small screws (looks
like
> they were manufactured just for this purpose). The installation is
VERY
> neat and clean.
>
> 73, Grant
> N4GM

My new FT100D (1F....) had the same grounding scheme out of the
box... straps that are screwed in.

Bill
W1PA

# 12318. Re: [FT100] CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 15:12:36 UTC
From: David Kiwerski, Sen. Comm. Tech.
Topic: 12293  Message: 12318

Count me in!

DaveK WP2AAT

jordan0129 wrote:
> 
> hi,
> 
> just taking a poll on how many users would be interested in
> registering for the CATsPAW version 1.0 program.
> 
> registration would be $20 and would include full version of the
> CATsPAW Ft100 computer control program + help and user files + all
> future updates.
> 
> i'm taking this poll because the current program which allows SWR
> graph plot and Activity graphs uses a 'demo' graphing package. the
> FULL graphing package costs $240.
> 
> if there is a lot of interest on CATsPAW, i will fork the $240 to buy
> the package and release version 1 this March.
> 
> let me know.
> email me at jms.paw@...
> 
> 73's
> N2OHZ
> 
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> 
> We are all a part of this Lets make it as good as possible.
> 
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12319. Re: CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 15:34:02 UTC
From: jordan0129
Topic: 12293  Message: 12319

eric,

hi. this is a computer control program for the FT100/d radio. written in Delphi. no added DLL's or OCX's that might potentially cause problems in windows.

requires windows computer (win 95,98,me,2000,xp). serial port and of course the data cable for the Ft100

73's

N2OHZ
--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Jordan,
> tell me more about this CATsPAW program. What does it do? What is required
> to connect it etc. I could be interested providint there is a simple way of
> paying for it from here (VK)
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: jordan0129 [mailto:jms.paw@v...]
> Sent: Thursday, 14 February 2002 6:40 AM
> To: FT100@y...
> Subject: [FT100] CATsPaw user poll
>
>
> hi,
>
> just taking a poll on how many users would be interested in
> registering for the CATsPAW version 1.0 program.
>
> registration would be $20 and would include full version of the
> CATsPAW Ft100 computer control program + help and user files + all
> future updates.
>
> i'm taking this poll because the current program which allows SWR
> graph plot and Activity graphs uses a 'demo' graphing package. the
> FULL graphing package costs $240.
>
> if there is a lot of interest on CATsPAW, i will fork the $240 to buy
> the package and release version 1 this March.
>
> let me know.

> email me at jms.paw@v...
>
> 73's
> N2OHZ
>
>
>
>
>
>
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>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 12320. Re: [FT100] Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 16:57:10 UTC
From: Bob Cheek
Topic: 12294  Message: 12320

Seems you have done just about everything possible to reduce or eliminate the ignition noise!

I have a '99 F-150 with the 5.4L engine. I have some ignition noise, but it's not that bad. In fact, it is not nearly as bad as my '92 Dakota with a 5.2L was. Depending on the noise level where I am at any given time, the background noise often drowns out the ignition noise. I would estimate that it, at it's worst, about 2 S units.

I have done no shielding or grounding. I had the FT-100 mounted on the front of the console (not using the remote mount) with a High Sierra 1500 mounted on the inside of the box just inside the tailgate. I have recently switched from the FT-100 to a IC-706MkIIG in the same location, same antenna, same results. One thing I did notice, the IC-706 seems to be less susceptable to the noise from the fuel pump than the FT-100. On the FT, the fuel pump noise was much louder than the ignition noise.

Funny how much variation from truck to truck.

DE WB4EJE

--- k5unm <k5unm@...> wrote:
> I have a 2001 F150 Triton 5.4 liter V8 also. I run
> an ATAS100 and a
> High Sierra 1500 from custom mounts off the trailer
> hitch in the rear
> of the vehicle. I also have the ignition noise
> problem, however the
> Triton I have does not have spark plug wires!, it
> uses eight (8)
> individual spark coils with eight (8) injector coils
> for each
> cylinder. The noise is coming from the coils, and is
> radiated. I have
> ferrite choked each set of eight (8) coil wires, and
> injectors, I
> have tried to use thin mumetal to limit the radiated
> enrgy, I have
> grounded the engine to frame from several points
> with heavy braid to
> a common chassis point. About the only thing I have

> not done is pi
> filtered the coil and injector leads. Shielding the
> eight wires from
> each of the injectors and coils to their source
> would be an extreme
> last resort since that would require removing the
> electrical harness
> to accomplish. I have also overbraided the coax feed
> line to the
> antenna and made the ground at the antenna to the
> same frame rail as
> the engine grounds. I also have a pi filter in the
> power leads from
> the battery at battery end and double braid shielded
> the power leads
> to the radio. I have the seperation kit and mounted
> the radio under
> the passenger seat with a 1.5 inch braid from the
> mounting screws
> thru the floor grommet to the frame rail, same rail
> for the engine
> and antenna, passenger side. All the seperation kit
> wires are ferrite
> choked and shortened to remove excess length. I have
> also braided the
> hood to the frame rail and all body panels to the
> frame, you would be
> surprised to learn they are not really grounded. I
> used my spectrum
> analyzer to measure each modification effect to
> reduce the impulse
> noise and found that none of them really helped the
> radiated energy
> getting into the antenna port. If I disconnect the
> antenna coax and
> terminate with 50ohm Narda load there is NO impulse
> ignition noise in
> the radio, but as soon as any type of lead is
> attached to the antenna
> coax the ignition noise is there. If you find
> anything that works
> that I have not tried I would appreciate some
> feedback, otherwise do
> as I do run with the NB almost at maximum and live
> with the vehicle
> noise or get something else to drive like a horse or
> mule that is RFI
> quiet!!!!
>
>

_____
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http://greetings.yahoo.com

# 12321. Re: A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 19:06:13 UTC
From: backhoefade
Topic: 12286  Message: 12321

Get your spam outa here!!!!!!!!!!!!!

--- In FT100@y..., "maryarnx" <maryarnx@y...> wrote:
> I too saw the television commercial for a company located at
> http://hk852.to/coupon It really caught my attention because a week
> earlier a co-worker was talking about the program at the office. I
> don't take anything for granted so I did a little research about
the
> company and thought it might be a good idea to give it a try. Well
it
> turned out to be a good idea. On my very first trip to the
> supermarket I saved over 85% on my total bill. The savings were
just
> the beginning it even included 8 different items that I got for
> free.I must have read at least a dozen different posts of people
> recommending this product but I never believed that anything could
be
> this good. Well having saved over $146 on my very first supermarket
> trip certainly made a believer out of me.
>
> Tracy Wills

# 12322. Re: FT-100D es Battery Power

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 19:09:02 UTC
From: backhoefade
Topic: 12289  Message: 12322

I believe it draws several amps even at 5 Watts out. I know that doesn't seem reasonable but someone posted "current vs CW Pout" data sometime back and I recall it was several amps even at 5 Watts out. I would get a K2 for true QRP portable use. You'll probably barely get an hour of transmit time out of a 7 AH cell.

--- In FT100@y..., "w6zip" <w6zip@y...> wrote:
> Has anyone expanded on the operation of the Ft-100D with say a 7-12
> AmpHr battery and 5 watts output. Even though the rig does draw alot
> of current on receive, I would think that you could get 5-6 hrs. use
> and then some at low power. Anyone care to comment?? Thanks

# 12323. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 19:14:04 UTC
From: backhoefade
Topic: 11958  Message: 12323

Personally I would go with the screws. I don't like the idea of
the "clips" losing force over time. I like the nice solid screws in
my rig!

--- In FT100@y..., "n2qgv" <N2QGV@a...> wrote:
> --- In FT100@y..., "hanksterrus" <hanksterr@h...> wrote:
> > The fan mod and the rf mod were done at the factory, I became
> curious
> > after reading all the posts and decided to open the radio. They
are
> > already done. The screws that hold down the coper strips are
> clearly
> > visible
> > and the fans run on uhf and vhf when the rig gets a little warm.
>
> Don't know how to tell you this, but, are you saying you opened
> your "NEW" FT-100D and the above mods were done to your "NEW"
radio?
> Got my factory mods done in December 2001, and Yaesu is not using
> drilled screws anymore as shown in early mod pictures. Grounding
> straps are slipped over frame and clamped with grippers built into
> the straps. They have engineered the straps (probably have a part
> number) and are not just cutting, bending, sodering, and fastening
> copper straps.
>
> Does Yaesu re-ship factory refurbished/returned radios? Do dealers
> have to tell that you are buying one? Would a dealer take a return
> and re-sell it as new? I suspect you have some investigating to do.

# 12324. Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 19:16:27 UTC
From: backhoefade
Topic: 12294  Message: 12324

Should I try installing that suppression device with a hot soldering iron? I'm a non-smoker so there should be no problem.

--- In FT100@y..., "Jeff kb2m" <kb2wqm@d...> wrote:
> Ford issued a service bulletin for the fuel pump noise. I don't have the number's here, as my 1998 Exploder is out of warranty and doesn't really have a big noise problem. Go to your Ford dealer and ask for any service bulletins they have on fuel pump noise. My dealer printed out quite a list, then looked up a part number from the list. I don't have this info any more as I gave all I had to a fellow ham who had a problem and needed the info. Some one on the list might have it, if not I can call my friend and get it and post it here this afternoon.
> Bottom line, Ford will fix the fuel pump noise with a noise suppression device that installs INSIDE the fuel tank.
>
> 73 Jeff kb2m
>
>
> [Non-text portions of this message have been removed]

# 12325. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 19:22:32 UTC
From: backhoefade
Topic: 11958  Message: 12325

I would be very interested to find out if that rig with the mod was received by the retailer that way straight from the factory, or if there was a "retailer recall" that led to the mod being done. The point being that, maybe at some point Yaesu finally started doing the spurious mod on all its factory fresh rigs. Did you also get a thermal switch on the VHF/UHF PA or does your rig have upgraded firmware that lets the fans come on during long periods of VHF/UHF receive? If they fixed that too that's "late but great". The rig is finally being shipped in full form.

Now, has anyone found a substitute fan that runs a bit quieter than the stock fans but provides equal or more CFM??

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
>
> > Not True. Just got my FT-100D back from factory TEMP/SWR mods one
> week
> > ago (4 week turnaround time) and the grounding mod uses straps that
> are
> > SCREWED to the rib/frame and also soldered in the appropriate
> places.
> > The straps are pre-drilled and formed to take small screws (looks
> like
> > they were manufactured just for this purpose). The installation is
> VERY
> > neat and clean.
> >
> > 73, Grant
> > N4GM
>
> My new FT100D (1F....) had the same grounding scheme out of the
> box... straps that are screwed in.
>
> Bill
> W1PA

# 12326. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 21:13:31 UTC
From: w1pa
Topic: 11958  Message: 12326

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I would be very interested to find out if that rig with the mod was
> received by the retailer that way straight from the factory, or if
> there was a "retailer recall" that led to the mod being done. The
> point being that, maybe at some point Yaesu finally started doing
the
> spurious mod on all its factory fresh rigs. Did you also get a
> thermal switch on the VHF/UHF PA or does your rig have upgraded
> firmware that lets the fans come on during long periods of VHF/UHF
> receive? If they fixed that too that's "late but great". The rig
is
> finally being shipped in full form.
>

It looks very similar to this:
http://www.k0lee.com/modpics.htm

I assume it came form the factory that way. Pulled off the shelf at
HRO Salem.

It does not have a thermal switch installed -- I installed the 50 ohm
resister mod myself.

The firmware thermal mod has been discussed, but I don't think I have
ever heard or had anyone confirm that an old and new FT100 next to
each other in VHF receive had the fans come on and off diffently
based purely on the firmware version. If anyone has, please correct
me. I had my rig on VHF for a month or so before doing the resister
mod, and I don't remember the fans coming on in receive only. I think
regardless of how old your FT100(D) is, you either have the original
firmware method (fans come on in transmit only in VHF), you have a
thermal switch installed by Yaesu at your request, or you devised
some circit yourself (either a 50 ohm resister, the Tokin filter from
Yaesu, or something more sophisticated) that is either maintaining
the fans at low speed, or switching them on at a set temp. I don't
think there has been any change at the factory with regard to thermal
fails.

Bill
W1PA

# 12327. Re: Mods already done.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 21:49:07 UTC
From: backhoefade
Topic: 11958  Message: 12327

Hmmmmm.....interesting. So they're (possibly) including the spurious oscillation mod in all new units but not the fan mod. That surprises me since I would expect them to want those fans spinning when the rig gets hot during long 2 meter receive sessions. I think Yaesu has a sizable "fan problem" right now in terms of losing 'fans' (i.e. clients). If I buy the next FT-1000MP mark VI for example could it possibly have one or two design bugs? I mean just minor flaws such as those that 1)don't allow you to transmit on certain bands, 2)blow your HF finals, 3)blow your VHF/UHF finals, etc. Remember, just minor items here.

This has been one interesting new rig to buy. I have never spent so much time before sleuthing around trying to find out the real story on a rig. My wife definitely has a negative bias towards ham radio equipment manufacturers after watching me struggle with the technical issues and then the subsequent customer/manufacturer discourse now known as "FT100-gate". I still can't comprehend why they didn't just fess up and issue a recall notice. The only reason I can think of is that they knew a fair percentage of the rigs didn't need the strap added and if they drew attention to it they would have a flood of free mod requests for rigs that never (or at least hadn't yet) had the problem appear.

But that still doesn't explain the fan issue. The fact is that the rig gets hot as heck in VHF/UHF receive and that can't be good for its components. Seems that there should have definitely been a recall on that.

Yaesu hasn't lost me as a customer but the FT-100D experience has taught me to do an exhaustive check on customer satisfaction before buying again. That goes for whatever manufacturer I choose for my next rig. eham.com and these Yahoo Groups bulletin boards are great resources for doing that.

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > I would be very interested to find out if that rig with the mod was
> > received by the retailer that way straight from the factory, or if
> > there was a "retailer recall" that led to the mod being done. The
> > point being that, maybe at some point Yaesu finally started doing
> the
> > spurious mod on all its factory fresh rigs. Did you also get a
> > thermal switch on the VHF/UHF PA or does your rig have upgraded

> > firmware that lets the fans come on during long periods of
VHF/UHF
> > receive? If they fixed that too that's "late but great". The
rig
> is
> > finally being shipped in full form.
> >
>
> It looks very similar to this:
> http://www.k0lee.com/modpics.htm
>
> I assume it came form the factory that way. Pulled off the shelf at
> HRO Salem.
>
> It does not have a thermal switch installed -- I installed the 50
ohm
> resister mod myself.
>
> The firmware thermal mod has been discussed, but I don't think I
have
> ever heard or had anyone confirm that an old and new FT100 next to
> each other in VHF receive had the fans come on and off diffently
> based purely on the firmware version. If anyone has, please correct
> me. I had my rig on VHF for a month or so before doing the resister
> mod, and I don't remember the fans coming on in receive only. I
think
> regardless of how old your FT100(D) is, you either have the
original
> firmware method (fans come on in transmit only in VHF), you have a
> thermal switch installed by Yaesu at your request, or you devised
> some circit yourself (either a 50 ohm resister, the Tokin filter
from
> Yaesu, or something more sophisticated) that is either maintaining
> the fans at low speed, or switching them on at a set temp. I don't
> think there has been any change at the factory with regard to
thermal
> fails.
>
> Bill
> W1PA

# 12328. Re: [FT100] Re: A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 22:05:42 UTC
From: Pablo
Topic: 12286  Message: 12328

Tracy & Co. STUFF IT!!!!

backhoefade wrote:

> Get your spam outa here!!!!!!!!!!!!!
>
> --- In FT100@y..., "maryarnx" <maryarnx@y...> wrote:
> > I too saw the television commercial for a company located at
> > http://hk852.to/coupon It really caught my attention because a week
> > earlier a co-worker was talking about the program at the office. I
> > don't take anything for granted so I did a little research about
> the
> > company and thought it might be a good idea to give it a try. Well
> it
> > turned out to be a good idea. On my very first trip to the
> > supermarket I saved over 85% on my total bill. The savings were
> just
> > the beginning it even included 8 different items that I got for
> > free.I must have read at least a dozen different posts of people
> > recommending this product but I never believed that anything could
> be
> > this good. Well having saved over $146 on my very first supermarket
> > trip certainly made a believer out of me.
> >
> > Tracy Wills
>
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12329. Re: [FT100] FT-100D es Battery Power

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 16:28:09 UTC
From: Glen Farough
Topic: 12289  Message: 12329

I have tried my FT-100D on a 7 amp hour battery...
Turning the intensity of your display down will reduce
the receive current to abt 850 ma.
I am worried about a brownout problem with the
transmit
though on a solid state radio. Yaesu specs the
voltage
requirement as 13.8v rather that 12v?
I am building up the interface to use the cat100
software that has the thermometor...I seem to remember
in the software discription a menu setting that
reflects the temp of the radio. It is operates at
a higher temp at 12v than at 13.8v it would likely
suggest a brownout (low voltage) problem.
What a great radio for all other functions!
It's too bad that FT-817 has no front end at all!
It is the qrp battery radio, but intermod from Japan
20 Khz away makes that radio useless!
Maybe the best thing to do would be to use an 18v
battery with 12v and 6v in series and regulate it to
13.8v?
Or use one of those 250w power inverters from 12v to
120v and your ac power supply to deliver 13.8 volts?
Good luck...If you find a brownout problem is will
be a relief to see one other problem to go along
with the temp and vswr spurious problem...
These two mods have made the FT-100D a pet!
73 de Glen VE7LGF
--- w6zip <w6zip@...> wrote:
> Has anyone expanded on the operation of the Ft-100D
> with say a 7-12
> AmpHr battery and 5 watts output. Even though the
> rig does draw alot
> of current on receive, I would think that you could
> get 5-6 hrs. use
> and then some at low power. Anyone care to comment??
> Thanks
>
>
>

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# 12330. Scanning VHF/UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 22:31:26 UTC
From: Bill Reid
Topic: 12330  Message: 12330

Hello All

Can someone tell if there is a way to stop the band switching relay from clicking when scanning both VHF and UHF channels?

I assume that it is not possible ,but just had to ask.

Thanks
Bill
VE3VWD

Email's sent from the Computer of Bill Reid are scanned with Norton Anti-virus Software !
(:-No trees were destroyed in the sending of this contaminant-free message I do concede, a significant number of electrons may have been inconvenienced or misplaced.-:)

# 12331. Re: [FT100] Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 23:51:45 UTC
From: Jeff kb2m
Topic: 12294  Message: 12331

Give it a try. Let us know if you make it!

73 Jeff kb2m
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, February 14, 2002 2:16 PM
Subject: [FT100] Re: HELP - Ignition noise is driving me nuts

Should I try installing that suppression device with a hot soldering iron? I'm a non-smoker so there should be no problem.

--- In FT100@y..., "Jeff kb2m" <kb2wqm@d...> wrote:
> Ford issued a service bulletin for the fuel pump noise. I don't have the number's here, as my 1998 Exploder is out of warranty and doesn't really have a big noise problem. Go to your Ford dealer and ask for any service bulletins they have on fuel pump noise. My dealer printed out quite a list, then looked up a part number from the list. I don't have this info any more as I gave all I had to a fellow ham who had a problem and needed the info. Some one on the list might have it, if not I can call my friend and get it and post it here this afternoon.
> Bottom line, Ford will fix the fuel pump noise with a noise suppression device that installs INSIDE the fuel tank.
>
> 73 Jeff kb2m
>
>
> [Non-text portions of this message have been removed]

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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12332. Re: [FT100] Scanning VHF/UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 22:53:23 UTC
From: Glen Farough
Topic: 12330  Message: 12332

Put the uhf channels in one memory group, the vhf
channels in another memory group and the 6m/hf
channels in another group and there will be less
switching...maybe a pin diode mod instead of the
relay?
73 de Glen VE7LGF
--- Bill Reid <ve3vwd@...> wrote:
> Hello All
>
> Can someone tell if there is a way to stop the band
> switching relay from
> clicking when scanning both VHF and UHF channels?
>
> I assume that it is not possible ,but just had to
> ask.
>
> Thanks
> Bill
> VE3VWD
>
>
> Email's sent from the Computer of Bill Reid are
> scanned with Norton
> Anti-virus Software !
> (:-No trees were destroyed in the sending of this
> contaminant-free message
> I do concede, a significant number of electrons may
> have been
> inconvenienced or misplaced.-:)
>
>
>
>

---------------------------------------------------
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Send FREE Valentine eCards with Yahoo! Greetings!
http://greetings.yahoo.com

# 12333. RE: FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 01:13:15 UTC
From: Keith
Topic: 12282  Message: 12333

Mine is OK now, but I did have to send it in.
It was originally OK, then wouldn't tune 10 meters, then wouldn't tune six either.
They replace a couple of capacitors under warranty.
This happened about the same the ft100 had some problems too, unknown it they were related though.
Both are working OK now.......
My complaints are it tunes slow and won't tune anything above about 1:3 to 1.
It also seems to loose its memory a lot, but that may just be me tuning to some freq nearby.
.....Keith WE6R
My webpage; Six Meter Repeater list and a BUNCH of interesting links;
http://www.we6r.com

[Non-text portions of this message have been removed]

# 12334. Re: [FT100] RE: FC-20 TUNER

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 01:58:39 UTC
From: John McClain
Topic: 12282  Message: 12334

I have had good luck with my FC-20 but I have to agree that it is slow. I would think that a tuner that switches in L and C with relays would be a bit faster. I can understand a tuner with a variable inductor being sluggish but not one like the FC-20.

I have always wondered why the FT-100 tunes the ATAS-100 and FC-20 with such a high power output. I have the menu set for 50% power on HF which it does except during a TUN operation when the power goes up much higher. Wouldn't 10 watts be enough?

John
K7SVV@...
----- Original Message -----
From: Keith
To: FT100@yahoogroups.com
Sent: Thursday, February 14, 2002 6:13 PM
Subject: [FT100] RE: FC-20 TUNER

Mine is OK now, but I did have to send it in.
It was originally OK, then wouldn't tune 10 meters, then wouldn't tune six either.
They replace a couple of capacitors under warranty.
This happened about the same the ft100 had some problems too, unknown it they were related though.
Both are working OK now.....
My complaints are it tunes slow and won't tune anything above about 1:3 to 1.
It also seems to loose its memory a lot, but that may just be me tuning to some freq nearby.
.....Keith WE6R
My webpage; Six Meter Repeater list and a BUNCH of interesting links;
http://www.we6r.com

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12335. Re: [FT100] A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 02:34:30 UTC
From: w5xv@express56.com
Topic: 12286  Message: 12335

What does this have to do with the FT-100???
----- Original Message -----
From: maryarnx
To: FT100@yahoogroups.com
Sent: Wednesday, February 13, 2002 7:55 PM
Subject: [FT100] A Huge Find!

I too saw the television commercial for a company located at http://hk852.to/coupon It really caught my attention because a week earlier a co-worker was talking about the program at the office. I don't take anything for granted so I did a little research about the company and thought it might be a good idea to give it a try. Well it turned out to be a good idea. On my very first trip to the supermarket I saved over 85% on my total bill. The savings were just the beginning it even included 8 different items that I got for free.I must have read at least a dozen different posts of people recommending this product but I never believed that anything could be this good. Well having saved over $146 on my very first supermarket trip certainly made a believer out of me.

Tracy Wills

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ADVERTISEMENT

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 12336. Re: [FT100] A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 02:37:24 UTC
From: w5xv@express56.com
Topic: 12286  Message: 12336

Are u even a ham radio operator? I don't fine your name on Sam's call database. Is this just a scam???
----- Original Message -----
From: maryarnx
To: FT100@yahoogroups.com
Sent: Wednesday, February 13, 2002 7:55 PM
Subject: [FT100] A Huge Find!

I too saw the television commercial for a company located at http://hk852.to/coupon It really caught my attention because a week earlier a co-worker was talking about the program at the office. I don't take anything for granted so I did a little research about the company and thought it might be a good idea to give it a try. Well it turned out to be a good idea. On my very first trip to the supermarket I saved over 85% on my total bill. The savings were just the beginning it even included 8 different items that I got for free.I must have read at least a dozen different posts of people recommending this product but I never believed that anything could be this good. Well having saved over $146 on my very first supermarket trip certainly made a believer out of me.

Tracy Wills

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Post message: FT100@yahoogroups.com
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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12337. Ft-100 144 and 432 rcv sensitivity

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 03:58:33 UTC
From: autotto12095
Topic: 12337  Message: 12337

Does anybody have a fix for the poor rcv sen on the Ft-100. It seems to have gone bad all of a sudden. HelPPPPPPPPPPPPPPP.

# 12338. FT100 List Etiquette

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 05:32:06 UTC
From: Lee Devlin
Topic: 12282  Message: 12338

I posted a message back in August that discussed list etiquette. I thought enough time has elapsed that it makes sense to post it again.

Shortly after my first posting, James, the list owner, changed the list to a 'moderated' status for new members because with our size and activity level we started to get spammed. After a few months, most of the messages were requiring moderation which became a big job. Recently, James put the list back on non-moderated status which means that a few spammers will invariably get through. We will throw them off immediately, so there's no need to post an objection and add fuel to the fire.

I'd like to reiterate a few simple rules which I feel have added more civility to the group. I realize these rules are not popular with everyone, and some have left the group as a result. But I still think it's necessary for the good of the group to periodically remind our members what this list is about and what constitutes bad behavior.

First of all, the list is to help owners and prospective owners of the Yaesu FT100. If the subject of your request doesn't fit that description, please consider other alternatives.

Here are the suggestions for making the list more effective:

1. If someone posts an offensive message, please, send him a PRIVATE message to
let him know you disapprove of it. It's not necessary to escalate it by
copying the whole list and further increasing the noise level in this group.

2. When you see a posting by someone who is obviously 'trolling', that is,
trying to get attention with an inflammatory posting, ignore it or you will
be giving him exactly what he wants.

3. Keep postings on topic. It isn't a place to discuss general ham topics. If you see a topic straying away from the FT100, please don't respond to it.

4. Don't send private messages to the whole list. If
the message is likely to
be of interest only to one individual, edit the 'TO: '
field so that only
that person gets the message. Here's an example: If
your message starts with, 'Hey, Joe, what kind of
options did you get with that Ford', then you should
send that directly to Joe, not to the whole list.
Here's another: An entire message that consists of:
'Thanks Fred'

5. Edit out as much of the original message as
practical when you're posting a
follow-up. Anyone sending a whole digest back to the
list will be spanked and then banned from the list.

6. Speaking of the digest, if you subscribe to the
digest, edit the 'Subject' field in your email when
replying so we don't get threads with meaningless
subject lines such as:
[FT100] Re: Digest Number 819

7. When needing help on a topic, first try the FAQ
and then do a search on the
Yahoo FT100 group web site to see if it has been
discussed before. Often
times, you'll find your answer there.

8. Before you post, please remember that you're
asking 1700+ other human beings
to read what you have written. Please be considerate
of their time.

Thanks and 73,
Lee Devlin, K0LEE
Greeley, CO
Visit the FT100 FAQ at:
http://k0lee.com/ft100faq.html

_____
Do You Yahoo!?
Got something to say? Say it better with Yahoo! Video Mail
http://mail.yahoo.com

# 12339. Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 06:09:48 UTC
From: Lee Devlin
Topic: 12282  Message: 12339

Wouldn?t it be great if we had the actual designers of the FT100 participating in the discussions here? I would like to see a posting like the following:

?My name Yoshi Yamasaki and I design the PA board for the FT100. We have debates about fan being on during V/U receive, but focus group study show user want low noise, so we make calculations and determine that ~18C temperature rise inside rig pose no threat to electronics reliability. So we choose not to enable fan during this mode. If you think that rig get too hot, we think OK to jumper fan through 50 ohm resistor.?

[Disclaimer: The passage above is just a figment of my imagination.]

I?m one of the developers of the HP de100c Digital Entertainment Center. I found a Yahoo group like this one and felt it would be wrong to have customers left in the dark to solve problems on their own, so I have chosen to participate in the discussions. If you?re curious, you can find it at: http://groups.yahoo.com/group/hpde100c

I would expect that the designers from Yaesu would feel compelled to participate in these discussions to help dispel myths, correct wrong assumptions, and to help owners understand if what we discuss here is real or if it?s just our imaginations running wild.

I look at the design of ham radios today and find myself in awe of the amount of engineering and design expertise it takes to accomplish such a feat. I?d expect that those involved in the design would have enough pride in their work to make sure that it didn?t get trashed by those who had no idea how to design a similar product themselves.

I'm sure the owners would appreciate it and even though you may take a few criticisms, it would benefit Yaesu to participate and periodically clear up some misconceptions.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
Do You Yahoo!?
Got something to say? Say it better with Yahoo! Video Mail
http://mail.yahoo.com

# 12340. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 08:17:56 UTC
From: Pres Waterman
Topic: 12141  Message: 12340

>
> I would say the FM is quiet because most noise that you pick up in a
> car is amplitude varying in nature so the FM detector simply doesn't
> respond to it.
>

Well, ( sorry if this is late, my email is backed up ) FM is "noise immune"
ONLY if it is strong enough to be driven into limiting. Weaker FM signals
hear noise just fine. Even if they don't, it seems to be that the noise
itself is so strong it drives the radio into limiting, raising the s-meter
and squashing the weaker sigs. Another reason why they should have allowed
the NB to work in FM

> My wife owns an Explorer so I may have questions for you in the
> future if I try putting the FT-100D in there.

I'll be there when you do

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12341. Re: [FT100] Re: Active Mobilers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 08:41:54 UTC
From: Pres Waterman
Topic: 12141  Message: 12341

> On FM broadcast signals, the Sony receiver is specified at a useable
> sensitivity of 12dBf (no explanation of what the f reference is!) Quick

All I can add ( sorry if it is late ) is the "f" is FEMTOWATT

I think 12dBf is 12dB stronger than a femtowatt which is 10^-12 watt

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12342. Re: Ft-100 144 and 432 rcv sensitivity

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 06:46:22 UTC
From: argenjagd2002
Topic: 12337  Message: 12342

--- In FT100@y..., "autotto12095" <otto@c...> wrote:
> Does anybody have a fix for the poor rcv sen on the Ft-100. It seems
> to have gone bad all of a sudden. HelPPPPPPPPPPPPPPP.

Hi Autotto12095, and members of the Group;
Since June 2001 I have the FT100D plus ATAS 100 installed in my car, also I have an Icom 2700 H associated with a dualbander Diammond 7900 in the same mobile.
In many travels I use both tranceivers to check each other with repeaters or radioham stations located more than 100 kilometers from my mobile station.
Without exception the FT100 got best reports and open the repeaters farther than the other equipment wich is working excellent.
I will suggest "autotto 12095" to check the instalation, continuity, masses, etc as the FT100D handbook recommend.
All the best, good contacts.
Alberto,LU5DTX

# 12343. Re: [FT100] Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 08:16:51 UTC
From: Justin Wolcott
Topic: 12282  Message: 12343

I do realize this is a bit off topic but i felt i had to chime in on this

That would be an excellent happening but unfortunately it may not be a
reality fopr the most part.

Anyone who is into Radio Control planes shoudl know who Great Planes is and
that they are the U.S. distributor of Futaba R/C gear i run mailing lists
about 2 radios that Futaba makes and i recruited for the list AnnMarie
Cross, the product support rep from Great Planes-Futaba as well as Don
Edberg, the individual who wrote the manual and aftermarket manual for the 8U
radio and, I also recruited Red Schoefeld (i hope i spelled his name right)
he is known as the battery expert.

I wish all companies would be willing to have such an involvement with their
customers becuase it makes their job easier
they get the info directly from the customer instead of bogus survey's

-Justin
List Moderator 8U and 9C
Phreak480@...
http://groups.yahoo.com/group/8U/
http://groups.yahoo.com/group/9CFutaba/

Lee Devlin wrote:

> Wouldn?t it be great if we had the actual designers of
> the FT100 participating in the discussions here? I
> would like to see a posting like the following:
>
> ?My name Yoshi Yamasaki and I design the PA board for
> the FT100. We have debates about fan being on during
> V/U receive, but focus group study show user want low
> noise, so we make calculations and determine that ~18C
> temperature rise inside rig pose no threat to
> electronics reliability. So we choose not to enable
> fan during this mode. If you think that rig get too
> hot, we think OK to jumper fan through 50 ohm
> resistor.?
>
> [Disclaimer: The passage above is just a figment of
> my imagination.]
>
> I?m one of the developers of the HP de100c Digital
> Entertainment Center. I found a Yahoo group like this
> one and felt it would be wrong to have customers left
> in the dark to solve problems on their own, so I have

> chosen to participate in the discussions. If you?re
> curious, you can find it at:
> http://groups.yahoo.com/group/hpde100c
>
> I would expect that the designers from Yaesu would
> feel compelled to participate in these discussions to
> help dispel myths, correct wrong assumptions, and to
> help owners understand if what we discuss here is real
> or if it?s just our imaginations running wild.
>
> I look at the design of ham radios today and find
> myself in awe of the amount of engineering and design
> expertise it takes to accomplish such a feat. I?d
> expect that those involved in the design would have
> enough pride in their work to make sure that it didn?t
> get trashed by those who had no idea how to design a
> similar product themselves.
>
> I'm sure the owners would appreciate it and even
> though you may take a few criticisms, it would benefit
> Yaesu to participate and periodically clear up some
> misconceptions.
>
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> Do You Yahoo!?
> Got something to say? Say it better with Yahoo! Video Mail
> http://mail.yahoo.com
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12344. 40-54 xmit????

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 12:32:47 UTC
From: m2040
Topic: 12344  Message: 12344

anyone have the full mod?
Mark

# 12345. Re: Re: [FT100] Re: W8JW Durango Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 12:49:53 UTC
From: David F. Morse
Topic: 12247  Message: 12345

```
-----------------
Yes; think that's the the number.
k0dar
//////////////////

>David:
>
>So you are using the K9000 mount for your ATAS?
>
>Thanks,
>Steve
>

--
```

# 12346. Re: Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 15:52:58 UTC
From: w1pa
Topic: 12282  Message: 12346

>
> That would be an excellent happening but unfortunately it may not
be a
> reality fopr the most part.
>

It's a doubled-edged sword.
I work in this role for a software product (product definition, direction, new features, etc.). Think of the experience much like this list -- on one hand, it's an excellent resource for direct contact into the grass roots information from the customer --- can you imagine how long it would have taken most of us to establish the information base encased in Lee's FAQ and in this list on our own without the internet?

On the other hand, sometimes it's nice to be one level removed from the customer :-)

Scott Robbins (W4PA Product Manager) from Ten Tec can be found in their reflector from time to time. I think he strikes a good balance of addressing larger product direction issues with the grass roots users without getting sucked into "my Ten Tec is broke and it sucks and what are u gunna doaboutit!" That's the secret for anyone who works in this role.

Bill
W1PA (no relation - hi)

# 12347. Re: A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 16:40:28 UTC
From: backhoefade
Topic: 12286  Message: 12347

Once again, get your spam outa here --- and I don't mean the spam
that that place probably sells!

--- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> What does this have to do with the FT-100???
> ----- Original Message -----
> From: maryarnx
> To: FT100@y...
> Sent: Wednesday, February 13, 2002 7:55 PM
> Subject: [FT100] A Huge Find!
>
>
> I too saw the television commercial for a company located at
> http://hk852.to/coupon It really caught my attention because a
week
> earlier a co-worker was talking about the program at the office.
I
> don't take anything for granted so I did a little research about
the
> company and thought it might be a good idea to give it a try.
Well it
> turned out to be a good idea. On my very first trip to the
> supermarket I saved over 85% on my total bill. The savings were
just
> the beginning it even included 8 different items that I got for
> free.I must have read at least a dozen different posts of people
> recommending this product but I never believed that anything
could be
> this good. Well having saved over $146 on my very first
supermarket
> trip certainly made a believer out of me.
>
> Tracy Wills
>
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...

> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 12348. Re: A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 16:42:04 UTC
From: backhoefade
Topic: 12286  Message: 12348

It's not a "scam"; it's called "spam" which is basically internet advertising thrown anywhere someone might view it. You can contact the 'owner' of this bulletin board and he can probably kill it.

--- In FT100@y..., "w5xv@e..." <w5xv@a...> wrote:
> Are u even a ham radio operator? I don't fine your name on Sam's call database. Is this just a scam???
> ----- Original Message -----
> From: maryarnx
> To: FT100@y...
> Sent: Wednesday, February 13, 2002 7:55 PM
> Subject: [FT100] A Huge Find!
>
>
> I too saw the television commercial for a company located at
> http://hk852.to/coupon It really caught my attention because a week
> earlier a co-worker was talking about the program at the office. I
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> company and thought it might be a good idea to give it a try. Well it
> turned out to be a good idea. On my very first trip to the
> supermarket I saved over 85% on my total bill. The savings were just
> the beginning it even included 8 different items that I got for
> free.I must have read at least a dozen different posts of people
> recommending this product but I never believed that anything could be
> this good. Well having saved over $146 on my very first supermarket
> trip certainly made a believer out of me.
>
> Tracy Wills
>
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@y...

> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 12349. Re: Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 16:53:01 UTC
From: backhoefade
Topic: 12282  Message: 12349

Everything I've said about the flaws in the rig is true.
End of story. The FT-100 was a problematic rig with an associated cover-up. It stinks. Credibility of the company is permanently damaged. To think otherwise is a psychological attempt to convince yourself that you didn't buy a rig that had two design flaws. You didn't make a mistake - Yaesu did. If you think otherwise you need to go see a shrink. Don't be an idiot. Wake up and face the facts!!

But that's just one model. Overall the Yaesu products are outstanding performers. I wouldn't sell mine for less than $1000 bucks. Includes AM filter and all mods done at Cerritos. Works perfectly. Any takers? Of course not - the new price is about $800 plus $100 for the AM filter.

I don't want to sell it anyway. I like the rig! Just wish I could quiet down these fans. Any ideas?

--- In FT100@y..., Lee Devlin <lee810@y...> wrote:
> Wouldn't it be great if we had the actual designers of
> the FT100 participating in the discussions here? I
> would like to see a posting like the following:
>
> "My name Yoshi Yamasaki and I design the PA board for
> the FT100. We have debates about fan being on during
> V/U receive, but focus group study show user want low
> noise, so we make calculations and determine that ~18C
> temperature rise inside rig pose no threat to
> electronics reliability. So we choose not to enable
> fan during this mode. If you think that rig get too
> hot, we think OK to jumper fan through 50 ohm
> resistor."
>
> [Disclaimer: The passage above is just a figment of
> my imagination.]
>
> I'm one of the developers of the HP de100c Digital
> Entertainment Center. I found a Yahoo group like this
> one and felt it would be wrong to have customers left
> in the dark to solve problems on their own, so I have
> chosen to participate in the discussions. If you're
> curious, you can find it at:
> http://groups.yahoo.com/group/hpde100c
>
> I would expect that the designers from Yaesu would
> feel compelled to participate in these discussions to
> help dispel myths, correct wrong assumptions, and to

> help owners understand if what we discuss here is real
> or if it's just our imaginations running wild.
>
> I look at the design of ham radios today and find
> myself in awe of the amount of engineering and design
> expertise it takes to accomplish such a feat. I'd
> expect that those involved in the design would have
> enough pride in their work to make sure that it didn't
> get trashed by those who had no idea how to design a
> similar product themselves.
>
> I'm sure the owners would appreciate it and even
> though you may take a few criticisms, it would benefit
> Yaesu to participate and periodically clear up some
> misconceptions.
>
>
>
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> Do You Yahoo!?
> Got something to say? Say it better with Yahoo! Video Mail
> http://mail.yahoo.com

# 12350. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 12:23:28 UTC
From: Ham_Tech@juno.com
Topic: 12350  Message: 12350

Hi guys,

How is the CW tone when you send it? Please tell me what you like or dislike about sending CW? Are there any letters messaging up, with the keyer?

Daniel

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.

# 12351. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 18:15:00 UTC
From: lhlousek
Topic: 5045  Message: 12351

I use the FT100D only for CW . The 500 Hz filter isn't terribly sharp and the 120 and 60 Hz DSP settings do nothing more than the 240 Hz DSP filter except for attenuate the signal, but overall its performance is pretty good.

The main problem with operating CW with the FT100 is difficulty moving around the menu structure. Keyer speed is in the menu structure and not immediately available from the front panel. To generate a side tone to zero beat another station you need to turn of BKN and KYR and hold the key down while turning the vfo. Not easy while driving. There is no XIT and to operate split or change filters you need to go to another function screen. With the number of buttons and the display it would have been relatively easy to make it much easier to operate but, it would seem, nobody that actually operates radios had input into the design of the user interface.

Lou W7DZN

----- Original Message -----
From: <Ham_Tech@...>
To: <FT100@yahoogroups.com>
Sent: Friday, February 15, 2002 4:23 AM
Subject: [FT100] (unknown)

> Hi guys,
>
> How is the CW tone when you send it? Please tell me what you like or
> dislike about sending CW? Are there any letters messaging up, with the
> keyer?
>
> Daniel
> _____________________________________________________________
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12352. Re: CW operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 18:46:29 UTC
From: backhoefade
Topic: 5045  Message: 12352

I bought my FT-100D mainly for CW operation. I don't understand your comment about "zero beating the other station". All I do here is tune in the guy and then transmit. The offset is automatically done and the amount of the offset is set in the menu. The name of the function escapes me right now but I think it's called CW offset or some such thing. You can set it at 600, 700, 800 Hz, etc. You can see the T/R frequency delta when you key up. Know what I mean? A lot of operators don't - and you don't have to understand it either. That's the operational simplicity of it. In other words, you and the other guy are listening, for example, at 7.010 MHz but when either of you transmit your carriers are at 7.010 MHz + 700 Hz (or -700 Hz if you have the transmit offset set to the other side of the receive center frequency). So you hear the product detection result of the demodulator mixing your local receive local oscillator at 7.010 MHz with the other guys incoming signal that's centered at 7.010700 MHz which is 700 Hz. You don't have to understand it; just enjoy it.

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I use the FT100D only for CW . The 500 Hz filter isn't terribly sharp and the
> 120 and 60 Hz DSP settings do nothing more than the 240 Hz DSP filter except for
> attenuate the signal, but overall its performance is pretty good.
>
> The main problem with operating CW with the FT100 is difficulty moving around
> the menu structure. Keyer speed is in the menu structure and not immediately
> available from the front panel. To generate a side tone to zero beat another
> station you need to turn of BKN and KYR and hold the key down while turning the
> vfo. Not easy while driving. There is no XIT and to operate split or change
> filters you need to go to another function screen. With the number of buttons
> and the display it would have been relatively easy to make it much easier to
> operate but, it would seem, nobody that actually operates radios had input into
> the design of the user interface.
>
> Lou W7DZN
>
> ----- Original Message -----

> From: <Ham_Tech@j...>
> To: <FT100@y...>
> Sent: Friday, February 15, 2002 4:23 AM
> Subject: [FT100] (unknown)
>
>
> > Hi guys,
> >
> > How is the CW tone when you send it? Please tell me what you
like or
> > dislike about sending CW? Are there any letters messaging up,
with the
> > keyer?
> >
> > Daniel
> > _____
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> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
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Service.
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> >

# 12353. Re: [FT100] Re: CW operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 20:05:23 UTC
From: lhlousek
Topic: 5045  Message: 12353

Zero beat means to tune exactly to the other stations frequency. With vitually all modern rigs you hit the Spot button and a side tone is generated. You tune the VFO to exactly match the pitch of the desired station to the side tone pitch. Since the sidetone equals the receiver offset this puts you exactly on the other stations frequency.

Lou W7DZN

# 12354. Re. Re. Re. Out of banf Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-14 17:24:43 UTC
From: ve7baq
Topic: 12354  Message: 12354

OK! OK! I will take my forty lashes with a wet noodle! As some have reminded me (many times!) there are some legitimate reasons to alter the transmit parameters of your radio. (Operating in a country with different freq. allotment, CAP, MARS, even as a transverter to get on higher fregs, as well as in a REAL emergency, relating to danger of life and property, etc.) Incidently, our rigs already allow transmitting on the Alaska emergency 5167.5 KHZ freq. in an emergency but this is accessed via menus not the dial tuning and must only be used in an emergency and either in or within 92.6 KM (57.5Miles) of Alaska.
All this is true, but I think when someone advocates these mods they should also mention why they do it, so that anyone reading those posts and ideas, see why it is done. We on the west coast of BC have had problems with fishing boats, tugs, and private vessels using the ham bands for unlicenced, private non-ham communications (80 meters and 2 meters), because someone has sold ham rigs to unlicenced individuals, and/or someone in the business has opened up their commercial rigs without making sure they were hams. Not everyone in sales asks for a proof of license. Not everyone in sales is aware that this is necessary. (They should be . . .but). When I bought my FT-100D, the sales person wanted to know my call and address and they looked it up to check. Not every sales person is that careful. You are right there are legit reasons, but for the sake of newer hams include them when you mention them. Not only will it help keep someone out of trouble, but it just might generate some really new and valid uses for a really good rig.
Einar VE7BAQ

# 12355. rf power increse

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 20:57:42 UTC
From: kg4bej
Topic: 12355  Message: 12355

hey can some one tell me were to go in the radio to increase the rf out put i just replace the finals and I would lie to turn down the output for a few weeks and then return it to its factoy settings..

thanks.
kg4bej@...

# 12359. Re: [FT100] Re: FT-100D es Battery Power

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 17:20:14 UTC
From: luiz lissoni
Topic: 12289  Message: 12359

I use my 100D with a 7 AH , with one battery plus a spare one and a wall-wart and one inverter. We can?t compare FT100D to a simple QRP, cause power always will be power !!! Tks
--- backhoefade wrote: I believe it draws several amps even at 5 Watts out. I know that doesn't seem reasonable but someone posted "current vs CW Pout" data
sometime back and I recall it was several amps even at 5 Watts out.
I would get a K2 for true QRP portable use. You'll probably barely
get an hour of transmit time out of a 7 AH cell.

--- In FT100@y..., "w6zip" wrote:
> Has anyone expanded on the operation of the Ft-100D with say a 7-12
> AmpHr battery and 5 watts output. Even though the rig does draw
alot
> of current on receive, I would think that you could get 5-6 hrs.
use
> and then some at low power. Anyone care to comment?? Thanks

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# 12360. Re: [FT100] Re: CW operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 19:12:27 UTC
From: Paul Manuel
Topic: 5045  Message: 12360

--- backhoefade <cgarner@...> wrote:
> I bought my FT-100D mainly for CW operation. I don't understand your
> comment about "zero beating the other station". All I do here is
> tune in the guy and then transmit.
Some operators make their rig output a tone so that they can match the frequency of their sidetone to the other guy's frequency. Never really used that myself, either.
When I operate CW mobile, only the lack of one-button access to the speed control is an inconvenience. I think the DSP filter works pretty well for what it is.
73,
Paul K4PDM

_____
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# 12362. Re: [FT100] rf power increse

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 22:01:02 UTC
From: Mike May
Topic: 12355  Message: 12362

It should be in the main function menu not in the secondary F menus.
Look for 430 and 144 MHz power for the V/U amplifier. I don't remember
the menu number but it is next to the mic gain menu in the function
settings.
How much power is yours doing in VHF and UHF ? And which device did you
replace it with ?

Mike
kg4bej wrote:

> hey can some one tell me were to go in the radio to increase the rf
> out put i just replace the finals and I would lie to turn down the
> output for a few weeks and then return it to its factoy settings..
>
> thanks.
> kg4bej@...
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 12363. Re: [FT100] Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 15:33:47 UTC
From: VE3MPG
Topic: 12282  Message: 12363

Lee,

You should cc: this to Standard Vertex Japan. Very good idea.....but it won't get any further even though the "good folks at Cerritos" monitor the list!

----- Original Message -----
From: "Lee Devlin" <lee810@...>
To: <FT100@yahoogroups.com>
Sent: Friday, February 15, 2002 1:09 AM
Subject: [FT100] Yaesu Involvement in the list

> Wouldn't it be great if we had the actual designers of
> the FT100 participating in the discussions here? I
> would like to see a posting like the following:
>
> "My name Yoshi Yamasaki and I design the PA board for
> the FT100. We have debates about fan being on during
> V/U receive, but focus group study show user want low
> noise, so we make calculations and determine that ~18C
> temperature rise inside rig pose no threat to
> electronics reliability. So we choose not to enable
> fan during this mode. If you think that rig get too
> hot, we think OK to jumper fan through 50 ohm
> resistor."
>
> [Disclaimer: The passage above is just a figment of
> my imagination.]
>
> I'm one of the developers of the HP de100c Digital
> Entertainment Center. I found a Yahoo group like this
> one and felt it would be wrong to have customers left
> in the dark to solve problems on their own, so I have
> chosen to participate in the discussions. If you're
> curious, you can find it at:
> http://groups.yahoo.com/group/hpde100c
>
> I would expect that the designers from Yaesu would
> feel compelled to participate in these discussions to
> help dispel myths, correct wrong assumptions, and to
> help owners understand if what we discuss here is real
> or if it's just our imaginations running wild.
>
> I look at the design of ham radios today and find
> myself in awe of the amount of engineering and design
> expertise it takes to accomplish such a feat. I'd

> expect that those involved in the design would have
> enough pride in their work to make sure that it didn't
> get trashed by those who had no idea how to design a
> similar product themselves.
>
> I'm sure the owners would appreciate it and even
> though you may take a few criticisms, it would benefit
> Yaesu to participate and periodically clear up some
> misconceptions.
>
>
>
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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> We are all a part of this Lets make it as good as possible.
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# 12364. FC-20

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 22:43:45 UTC
From: kb4ifs
Topic: 505  Message: 12364

Not too pleased with performanceof FC-20 even with dipoles constructed for specific bands. May be selling the FC-20 in near future. If anyone desires to buy it, let me know.

# 12366. FT-100d

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 23:00:35 UTC
From: zr2er
Topic: 12366  Message: 12366

Hello fellow hams,
I have been reading some of the posts here and thought I would add my 2 cents worth. I have been a ham for 22 years.I have always bought Kenwood,Icom, and Ten-Tec radios.A few days after Xmas I purchased my first Yaesu rig,the FT 100D.Well I should have asked the salesman what the serial # was, but I wasn't aware of the problems with this model. It didn't have the mods done and they didn't have any "fresh" radios in stock. It seems to me if you are going to part with some of your hard earned cash, the equipment should perform to your satisfaction right out of the box.Anyway,the rig was sent out on Jan 9th and arrived at my front door on Feb 11th. I hope to have it installed in the truck this weekend(along with the ATAS-100)and will post some more comments.73's to all......KD3D-Frank

# 12367. Spammers on the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 23:08:49 UTC
From: Lee Devlin
Topic: 12367  Message: 12367

--- byrddawg <byrddawg@...> wrote:
> Is this the first communication involvement from the
> Yaesu folks???

Maybe they forgot to read the etiquette posting about staying on topic :-). This is the main reason that the group was moderated for the past 6 months. James and I got to read this stuff before blasting it into oblivion. Unfortunately, even the legitimate mail has to be sorted and that takes time and effort. So that's why James put the list back into a non-moderated status. You must realize that people who do this don't hang around to read any tirades starting with 'Get your spam off the list!' So don't waste your time trying to influence them.

It's OK, he's gone and if he or someone like him resurfaces in the next few days, we'll probably have to go back to a moderated list...sigh...

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 12369. Re: [FT100] rf power increse

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 23:02:41 UTC
From: Einar Carlsen
Topic: 12355  Message: 12369

Power menus are as follows
POWER
21 HF transmit power - default 100% of 100 Watts
22 50 mHz transmit power - default 100% of 100 Watts
23 144 mHz transmit power - default 100% of 50 Watts
24 430 mHz transmit power - default 100% of 20 Watts

----- Original Message -----
From: Mike May
To: FT100@yahoogroups.com
Sent: Friday, February 15, 2002 14:01 PM
Subject: Re: [FT100] rf power increse

kg4bej wrote:

> hey can some one tell me were to go in the radio to increase the rf
> out put i just replace the finals and I would lie to turn down the
> output for a few weeks and then return it to its factoy settings..
>
> thanks.
> kg4bej@...
>
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# 12370. Zero beating

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 00:04:26 UTC
From: lhlousek
Topic: 12370  Message: 12370

Don't want to (zero) beat a dead horse here so the easiest thing to do is to refer you deadbeats to the article "The Importance of Zero-Beating". It appears in several places in ARRL publications including page 7-28 of their introductory book, "Ham Radio Made Easy".

I don't know of any law that requires it but it is considered good operating practice. To quote the article, "This is truly an important concept, so work at developing your zero-beating skills. When you've mastered it, you will be a more competent operator, and the skill will increase your ability to make and hold contacts on the air."

The relevance of this to the FT100D is that its obtuse user interface makes it more difficult than necessary.

Lou W7DZN

# 12371. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 19:16:42 UTC
From: Ham_Tech@juno.com
Topic: 12371  Message: 12371

Does anyone know of where I can aquire an extension board for the IF board in my FT-301D for doing some testing??

Daniel

_____
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# 12372. Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 03:39:36 UTC
From: BillBDallas
Topic: 12372  Message: 12372

Several friends and I have recently all purchased FT100's and ATAS antennas for our vehicles. We will soon be doing some exploring in the SW desert, and I am looking for opinions on which ham bands may be most useful for us.

Obviously, if we are within a few miles of each other, VHF or UHF may be the most useful. However, there will be times when we will be 5-20 miles or more apart. Can anyone offer their experience in this type of HF experience and shorten our learning curve?

BTW, the area is fairly rugged, and somewhat mountainous, with the possibility of needing to communicate from inside one canyon to another.

# 12373. FT-100 spam list?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 03:53:58 UTC
From: Terry
Topic: 12373  Message: 12373

DID I MISS SOMETHING OR HAVE WE OPENED THIS LIST TO ANYONE AND ANYTHING
NO MATTER THAT IT DOES NOT PERTAIN TO THE FT-100? I seem to be seeing
a lot of garbage here all of a sudden.

BTW my FT-100D is a little over a year old and has had no problems at
all. I love this little radio. I use it mobile with the ATAS-100 and
if I can hear them I can usually talk to them.

Terry - AF7W

_____
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# 12374. Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 03:42:05 UTC
From: BillBDallas
Topic: 12372  Message: 12374

Several friends and I have recently all purchased FT100's and ATAS antennas for our vehicles. We will soon be doing some exploring in the SW desert, and I am looking for opinions on which ham bands may be most useful for us.

Obviously, if we are within a few miles of each other, VHF or UHF may be the most useful. However, there will be times when we will be 5-20 miles or more apart. Can anyone offer their experience in this type of HF experience and shorten our learning curve?

BTW, the area is fairly rugged, and somewhat mountainous, with the possibility of needing to communicate from inside one canyon to another.

# 12375. RE: [FT100] FC-20

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 00:16:59 UTC
From: Greg Hicks
Topic: 505  Message: 12375

Yea, email me directly at gahicks@... if you choose to...
Greg

-----Original Message-----
From: kb4ifs [mailto:chambersb@...]
Sent: Friday, February 15, 2002 4:44 PM
To: FT100@yahoogroups.com
Subject: [FT100] FC-20

Not too pleased with performanceof FC-20 even with dipoles constructed
for specific bands. May be selling the FC-20 in near future. If anyone
desires to buy it, let me know.

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[Non-text portions of this message have been removed]

# 12377. Re: [FT100] Zero beating

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 10:20:11 UTC
From: Paul Manuel
Topic: 12370  Message: 12377

Lou,
We don't mean that we don't zero-beat...We just do it by estimating the tone by ear, without a spot button (which, out of my twenty-some HF rigs over the years, none has ever had.)
The relevance of this to the FT-100 is that you can do it with yours, too!
73,
Paul K4PDM

--- lhlousek <lhlousek@...> wrote:
> Don't want to (zero) beat a dead horse here so the easiest thing to do
> is to
> refer you deadbeats to the article "The Importance of Zero-Beating

_____
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# 12378. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 13:54:32 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12372  Message: 12378

VHF SSB.

73, Jerry, K0CQ
--
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# 12379. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 15:56:36 UTC
From: w1po@aol.com
Topic: 12372  Message: 12379

Try 6 or 10 meters. That's probably the best ground wave for most of the day. I would say that 6 might be the best as when the band's dead 20 mile mobile contacts are easy, but stay off the calling freq of 50.125 in case the band opens.

Dan, W1PO

Dan Szymanowski

# 12382. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 17:40:28 UTC
From: MJ
Topic: 12372  Message: 12382

Bill,
First I would ask if you and your friends are licensed amateurs with the privileges to operate in the HF band in the first place. You don't put your call letters on your post and anyone who was really licensed to operate HF would know, or at least should know, what the basic properties of propagation are for the frequencies they are using.

If you are not licensed I would advise you to stay off the ham bands and get commercial or CB radios instead.

Mark
AB0HJ

BillBDallas wrote:
> Several friends and I have recently all purchased FT100's and
> ATAS antennas for our vehicles. We will soon be doing some
> exploring in the SW desert, and I am looking for opinions on
> which ham bands may be most useful for us.
>
> Obviously, if we are within a few miles of each other, VHF or UHF
> may be the most useful. However, there will be times when we
> will be 5-20 miles or more apart. Can anyone offer their
> experience in this type of HF experience and shorten our
> learning curve?
>
> BTW, the area is fairly rugged, and somewhat mountainous, with
> the possibility of needing to communicate from inside one
> canyon to another.
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

# 12383. Re: [FT100] Re: A Huge Find!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 17:28:12 UTC
From: Chuck
Topic: 12286  Message: 12383

At 12:18 PM 2/16/2002 -0500, you wrote:
>
>oops, it went to the wrong place, please accept my apologies
>

I was getting ready to say..."hey! I resemble the remark!"

73

Free in Jesus,

-Chuck Adkins K8CPA
http://www.qsl.net/k8cpa
k8cpa@...
"Being true to one's self is a must"
"Selling out is never, ever an option"

[Non-text portions of this message have been removed]

# 12384. Re: [FT100] Digest Number 1111

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 21:31:37 UTC
From: Adam
Topic: 12384  Message: 12384

I guess my first question is whether you are all licensed hams and what class licenses you hold? This will help in determining what freqs you can use!

> Message: 6
> Date: Sat, 16 Feb 2002 03:39:36 -0000
> From: "BillBDallas" <sierra.health@...>
> Subject: Best Mobile to Mobile Bands?
>
> Several friends and I have recently all purchased FT100's and
> ATAS antennas for our vehicles. We will soon be doing some
> exploring in the SW desert, and I am looking for opinions on
> which ham bands may be most useful for us.
>
> Obviously, if we are within a few miles of each other, VHF or UHF
> may be the most useful. However, there will be times when we
> will be 5-20 miles or more apart. Can anyone offer their
> experience in this type of HF experience and shorten our
> learning curve?
>
> BTW, the area is fairly rugged, and somewhat mountainous, with
> the possibility of needing to communicate from inside one
> canyon to another.
>
>
>
>

# 12385. Re: Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 21:40:21 UTC
From: nezbrun
Topic: 12372  Message: 12385

Hello Bill

> anyone who was really licensed to
> operate HF would know, or at least should know, what the basic
> properties of propagation are for the frequencies they are using.

Hmmm.... I just got my HF privileges a month or so ago after over 20 years as a licensed amateur, and I don't remember anything in the Morse assessment I took a couple of months back about propagation on the different HF bands.

Perhaps the Morse test taken Stateside includes an HF propagation test too.

I am therefore reading lots, and learning as I go. I think that this is part of the self-training aspect of amateur radio.

I thought it was quite a pertinent question if someone has never gone HF mobile before.

I do agree with you though that it is a common courtesy to leave one's personal and callsign with any post. Let's hope that they are indeed licenced amateurs.

73 Howard G6LVB/M3LVB

http://www.g6lvb.com

# 12386. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-16 22:06:48 UTC
From: Ken Kopp, K0PP
Topic: 12372  Message: 12386

Hmmmmm ...

The latest SAM database doesn't show a William (Bill) B. Dallas
as a license holder .....

73! Ken Kopp - K0PP
k0pp@...

# 12387. Re: CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 00:44:45 UTC
From: kg4fet
Topic: 12293  Message: 12387

```
--- In FT100@y..., "jordan0129" <jms.paw@v...> wrote:
> hi,
>
> just taking a poll on how many users would be interested in
> registering for the CATsPAW version 1.0 program.
>
> registration would be $20 and would include full version of the
> CATsPAW Ft100 computer control program + help and user files + all
> future updates.
>
> i'm taking this poll because the current program which allows SWR
> graph plot and Activity graphs uses a 'demo' graphing package. the
> FULL graphing package costs $240.
>
> if there is a lot of interest on CATsPAW, i will fork the $240 to
buy
> the package and release version 1 this March.
>
> let me know.
> email me at jms.paw@v...
>
> 73's
> N2OHZ

N2OHZ,
I would like to register the software myself. I have enjyed using
it. I can't wait for the little minor corrections to be updated.
This is a great piece of programing.
Good Luck and Thanks a million
DE KG4FET Sandor
```

# 12388. Re: [FT100] Re: CATsPaw user poll

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 01:48:52 UTC
From: Lee Boulineau
Topic: 12293  Message: 12388

I will register also

73 de N4MVL
Lee

--- kg4fet <kg4fet@...> wrote:
> --- In FT100@y..., "jordan0129" <jms.paw@v...>
> wrote:
> > hi,
> >
> > just taking a poll on how many users would be
> interested in
> > registering for the CATsPAW version 1.0 program.
> >
> > registration would be $20 and would include full
> version of the
> > CATsPAW Ft100 computer control program + help and
> user files + all
> > future updates.
> >
> > i'm taking this poll because the current program
> which allows SWR
> > graph plot and Activity graphs uses a 'demo'
> graphing package. the
> > FULL graphing package costs $240.
> >
> > if there is a lot of interest on CATsPAW, i will
> fork the $240 to
> buy
> > the package and release version 1 this March.
> >
> > let me know.
> > email me at jms.paw@v...
> >
> > 73's
> > N2OHZ
>
> N2OHZ,
> I would like to register the software myself. I
> have enjyed using
> it. I can't wait for the little minor corrections
> to be updated.
> This is a great piece of programing.
> Good Luck and Thanks a million
> DE KG4FET Sandor

>
>

---
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http://sports.yahoo.com

# 12389. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 02:03:08 UTC
From: Albert Furlow
Topic: 12372  Message: 12389

75/80 meters
----- Original Message -----
From: BillBDallas
To: FT100@yahoogroups.com
Sent: Friday, February 15, 2002 9:39 PM
Subject: [FT100] Best Mobile to Mobile Bands?

Several friends and I have recently all purchased FT100's and
ATAS antennas for our vehicles. We will soon be doing some
exploring in the SW desert, and I am looking for opinions on
which ham bands may be most useful for us.

Obviously, if we are within a few miles of each other, VHF or UHF
may be the most useful. However, there will be times when we
will be 5-20 miles or more apart. Can anyone offer their
experience in this type of HF experience and shorten our
learning curve?

BTW, the area is fairly rugged, and somewhat mountainous, with
the possibility of needing to communicate from inside one
canyon to another.

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12390. ATAS Antenna Mount Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 02:32:04 UTC
From: ke4cqw
Topic: 12390  Message: 12390

Hello all,

Well as much as I hate to admit it I am at a loss to
solve this problem so I figured I would ask all of you. I live in an
apartment complex that is nice but some people here like to bend or
remove the antennas off of people's car. To tell you how bad
they are, a sheriff's dept car had all his antenna's
"removed".

Enough of the back round around here my problem is I have
a Comet quick disconnect antenna mount with the "small" coax, I have
trouble with 6 meters and know that the removable part is the problem
because of the lack of a good RF ground. I just killed the coax in
the trunk and instead of spending a lot of time trying to repair the
coax problem with different coax I would like to replace it with a
hideaway fold over trunk mount. I was looking on line and was going
to hit up the better half for an early birthday present I noticed a
small sentence in the description and installation instructions on
the K-601 antenna. Not for use with antennas that require a ground.
I was shocked to say the least, now I have a dilemma what do I do to
keep my antenna ripped off? I don't really like the quick
removal Comet mount but what do I do.

I hope that someone is using the K601 with ATAS-100 and
that it works with maybe some modification. 73 all.

Monus "Moe" Brewer, Jr

KE4CQW

ke4cqw@...

# 12391. Re: [FT100] HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 08:09:45 UTC
From: Pres Waterman
Topic: 12294  Message: 12391

Subject: Re: [FT100] HELP - Ignition noise is driving me nuts

> Ford issued a service bulletin for the fuel pump noise.

The subject is ignition noise, how did we change to fuel pump noise?

Ignition noise is a pop-pop-pop that varies slightly with engine RPM.

Fuel pump noise is a buzz, that can be easily heard as you turn the key from OFF to RUN without starting, you hear it for a few seconds, then it cuts off.

I don't have the number's here, as my 1998 Exploder is out of warranty and doesn't really have a big noise problem. Go to your Ford dealer and ask for any service bulletins they have on fuel pump noise. My dealer printed out quite a list, then looked up a part number from the list. I don't have this info any more as I gave all I had to a fellow ham who had a problem and needed the info. Some one on the list might have it, if not I can call my friend and get it and post it here this afternoon.

F1PZ-18B157-A

if i recall.. I am on a plane. Search the archives for F1PZ that I am sure of. I sell them at a ham discount if you want.

> Bottom line, Ford will fix the fuel pump noise with a noise suppression device that installs INSIDE the fuel tank.
>

Only if under warranty or covered by a customer satisfaction program.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12392. Re: [FT100] Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-15 08:13:09 UTC
From: Pres Waterman
Topic: 12294  Message: 12392

Well described.

Please go sit on your dealer's desk, demand an audience with the field engineer, and complain loudly. Show them it goes way beyond 30MHz so they can't hide behind an excuse.

If enough of us annoy the factory en masse maybe they will hear.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

----- Original Message -----
From: k5unm <k5unm@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, February 14, 2002 8:23 AM
Subject: [FT100] Re: HELP - Ignition noise is driving me nuts

> I have a 2001 F150 Triton 5.4 liter V8 also. I run an ATAS100 and a
> High Sierra 1500 from custom mounts off the trailer hitch in the rear
> of the vehicle. I also have the ignition noise problem, however the
> Triton I have does not have spark plug wires!, it uses eight (8)
> individual spark coils with eight (8) injector coils for each
> cylinder. The noise is coming from the coils, and is radiated. I have
> ferrite choked each set of eight (8) coil wires, and injectors, I
> have tried to use thin mumetal to limit the radiated enrgy, I have
> grounded the engine to frame from several points with heavy braid to
> a common chassis point. About the only thing I have not done is pi
> filtered the coil and injector leads. Shielding the eight wires from
> each of the injectors and coils to their source would be an extreme
> last resort since that would require removing the electrical harness
> to accomplish. I have also overbraided the coax feed line to the
> antenna and made the ground at the antenna to the same frame rail as
> the engine grounds. I also have a pi filter in the power leads from
> the battery at battery end and double braid shielded the power leads
> to the radio. I have the seperation kit and mounted the radio under
> the passenger seat with a 1.5 inch braid from the mounting screws
> thru the floor grommet to the frame rail, same rail for the engine
> and antenna, passenger side. All the seperation kit wires are ferrite
> choked and shortened to remove excess length. I have also braided the
> hood to the frame rail and all body panels to the frame, you would be
> surprised to learn they are not really grounded. I used my spectrum
> analyzer to measure each modification effect to reduce the impulse

> noise and found that none of them really helped the radiated energy
> getting into the antenna port. If I disconnect the antenna coax and
> terminate with 50ohm Narda load there is NO impulse ignition noise in
> the radio, but as soon as any type of lead is attached to the antenna
> coax the ignition noise is there. If you find anything that works
> that I have not tried I would appreciate some feedback, otherwise do
> as I do run with the NB almost at maximum and live with the vehicle
> noise or get something else to drive like a horse or mule that is RFI
> quiet!!!!
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 12393. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 07:51:25 UTC
From: The Simpsons
Topic: 12372  Message: 12393

I would suggest 80 metres as well. I have used it mobile for 30 years and had a lot of success over these distances in daytime (no VHF or UHF generally available to us then!!). Great band at night as long as atmospheric noise is not too high.
One thing that might be worth trying though, when you are trying to communicate from one valley to the next is to pull your antenna down to almost horizontal, across the top of your vehicle. Of course, this requires the antenna to be mounted high on the vehicle. This can sometimes help by providing a very high radiation angle with a small reflected signal coming down in to the next valley. I have not tried this myself, but have seen the idea written about quite often. Let us all know how you get on.

Grant, ZL2BK.

----- Original Message -----
From: "Albert Furlow" <albeham@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 17, 2002 3:03 PM
Subject: Re: [FT100] Best Mobile to Mobile Bands?

> ----- Original Message -----
> From: BillBDallas
> To: FT100@yahoogroups.com
> Sent: Friday, February 15, 2002 9:39 PM
> Subject: [FT100] Best Mobile to Mobile Bands?
>
>
> Several friends and I have recently all purchased FT100's and
> ATAS antennas for our vehicles. We will soon be doing some
> exploring in the SW desert, and I am looking for opinions on
> which ham bands may be most useful for us.
>
> Obviously, if we are within a few miles of each other, VHF or UHF
> may be the most useful. However, there will be times when we
> will be 5-20 miles or more apart. Can anyone offer their
> experience in this type of HF experience and shorten our
> learning curve?
>
> BTW, the area is fairly rugged, and somewhat mountainous, with
> the possibility of needing to communicate from inside one
> canyon to another.

# 12394. Re: Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 03:06:55 UTC
From: BillBDallas
Topic: 12372  Message: 12394

Mark:

Your response demonstrated a rather arrogant attitude. Frankly, it is attitudes like yours that turns many newcomers off from this fine hobby.

We are all licensed, and I did not realize the "protocol" of leaving your call letters with your posts. We are also relatively new to HF, and mobile HF in particular. I was looking for first hand information based on actual experience (as opposed to theory).

For those of you that responded with useful suggestions, thank you, and more suggestions will be appreciated. I would also be interested in hearing of what people have found not to work, as well as what does work.

The 6 meter report from Dan sounds interesting. What is the maximum reliable distance experienced by others for Mobile-Mobile 6 meter? How much is it effected by topography, specifically, desert type buttes and canyons? Does the ATAS antenna work as well as a dedicated 6 meter antenna?

Thanks again in advance.

Bill
KD5JWA

--- In FT100@y..., "MJ" <mjjohnson7587@q...> wrote:
> Bill,
> First I would ask if you and your friends are licensed amateurs with the
> privileges to operate in the HF band in the first place. You don't put
> your call letters on your post and anyone who was really licensed to
> operate HF would know, or at least should know, what the basic
> properties of propagation are for the frequencies they are using.
>
> If you are not licensed I would advise you to stay off the ham bands and
> get commercial or CB radios instead.
>
>
> Mark
> AB0HJ

>
> BillBDallas wrote:
> >
> > Several friends and I have recently all purchased FT100's
and
> > ATAS antennas for our vehicles. We will soon be doing
some
> > exploring in the SW desert, and I am looking for opinions on
> > which ham bands may be most useful for us.
> >
> > Obviously, if we are within a few miles of each other, VHF or
UHF
> > may be the most useful. However, there will be times when
we
> > will be 5-20 miles or more apart. Can anyone offer their
> > experience in this type of HF experience and shorten our
> > learning curve?
> >
> > BTW, the area is fairly rugged, and somewhat mountainous,
with
> > the possibility of needing to communicate from inside one
> > canyon to another.
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> > We are all a part of this Lets make it as good as possible.
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# 12395. Re: [FT100] ATAS Antenna Mount Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 03:08:52 UTC
From: Bill Reid- VE3VWD
Topic: 12390  Message: 12395

Moe

Try one of the antenna bases that drop down into your trunk when you are not using it.
You may have to rig one up yourself that can handle the weight of the ATAS-100.
A metal shop can probably help you out.

Bill Reid
VE3VWD

At 16/02/2002 09:32 PM Saturday, you wrote:
>Hello all,
>
>
>
> Well as much as I hate to admit it I am at a loss to
>solve this problem so I figured I would ask all of you. I live in an
>apartment complex that is nice but some people here like to bend or
>remove the antennas off of people's car. To tell you how bad
>they are, a sheriff's dept car had all his antenna's
>"removed".
>
> Enough of the back round around here my problem is I have
>a Comet quick disconnect antenna mount with the "small" coax, I have
>trouble with 6 meters and know that the removable part is the problem
>because of the lack of a good RF ground. I just killed the coax in
>the trunk and instead of spending a lot of time trying to repair the
>coax problem with different coax I would like to replace it with a
>hideaway fold over trunk mount. I was looking on line and was going
>to hit up the better half for an early birthday present I noticed a
>small sentence in the description and installation instructions on
>the K-601 antenna. Not for use with antennas that require a ground.
>I was shocked to say the least, now I have a dilemma what do I do to
>keep my antenna ripped off? I don't really like the quick
>removal Comet mount but what do I do.
>
> I hope that someone is using the K601 with ATAS-100 and
>that it works with maybe some modification. 73 all.
>
>Monus "Moe" Brewer, Jr
>
>KE4CQW
>
>ke4cqw@...
>

>
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[Non-text portions of this message have been removed]

# 12396. Re: Yaesu Involvement in the list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 06:18:52 UTC
From: ft100guy
Topic: 12282  Message: 12396

--- In FT100@y..., "VE3MPG" <ve3mpg@r...> wrote:
> Lee,
>
> You should cc: this to Standard Vertex Japan. Very good
idea.....but it
> won't get any further even though the "good folks at Cerritos"
monitor the
> list!

> From: "Lee Devlin" <lee810@y...>
> To: <FT100@y...>
> Sent: Friday, February 15, 2002 1:09 AM
> Subject: [FT100] Yaesu Involvement in the list
>
>
> > Wouldn't it be great if we had the actual designers of
> > the FT100 participating in the discussions here? I
> > would like to see a posting like the following:
> >
> > "My name Yoshi Yamasaki and I design the PA board for
> > the FT100. We have debates about fan being on during
> > V/U receive, but focus group study show user want low
> > noise, so we make calculations and determine that ~18C
> > temperature rise inside rig pose no threat to
> > electronics reliability. So we choose not to enable
> > fan during this mode. If you think that rig get too
> > hot, we think OK to jumper fan through 50 ohm
> > resistor."
> >
> > [Disclaimer: The passage above is just a figment of
> > my imagination.]

Its a figment of theirs also :-) Anyway, the radio can be
likened to a "diamond in the rough". With a little coaxing (and
soldering) its sweet to operate.. Its a shame the big "Y" works at a
snails pace to rectify these problems..
The Joke is on them though, I am sure if they corrected these
problems in a timely fashion, they wouldnt have an 8 week lag time
for repairs. In addition, they probably have an S-Load of these
things (broken of course)in an area-51 type warehouse piled up like
sardines all due to their lack of response to the important issues
raised here. They forgot this is a hobby of communication and much of
it is about equipment and the internet assists in the dissemination
of it as well.
Problems with equipment or queries into buying radios are often

addressed here on the web and the lack of timely service and updates nets you a bad rep. Many of their sales are to the unknowing and once burned, twice shy as they say. The radio is a great piece of equipment. The complaints are always the same and often the info goes around in circles to the new "burned" owners who didnt know..
Its to the point where we can diagnose our own rigs as the three complaints often heard here are now no brainers.. A fella here had problems with his FT100 crapping out and it occured to me that something came loose.. Surely that was in fact the problem.. A push on a ribbon connector put him back on the air. This shows us that they are great radios, just victims of their maker in their slow response to the important issues..
I dont expect too much input from them as the lawyers would recommend against it. In my book though, its better to admit problems and offer to correct them and in addition mod the newer runs in a timely fashion to show that you take pride in your products.. Pay attention to what people want and you will surely make money. Kenwood, Icom and Ten Tec are doing just that. Radios that can be updated via software and changing equipment with the times are what we want. I often hear the contrary from owners of older rigs who get mad when an updated version comes out (Icom 756 owners ie.) Isnt it better to be offered a more advanced radio rather than stare at the same model year after year? I think its cool that rigs are advancing and updates are happening. This is a good thing!
For those just attending, dont become a victim.. Do the mods and enjoy the rig, the sooner you correct these problems, the longer you will enjoy the radio. Regards.. Richy N2ZD

# 12397. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 02:29:14 UTC
From: Einar Carlsen
Topic: 12372  Message: 12397

I wonder if this is another spam message? I have had it at lest five time on my computior.
VE7BAQ
----- Original Message -----
From: BillBDallas
To: FT100@yahoogroups.com
Sent: Friday, February 15, 2002 19:39 PM
Subject: [FT100] Best Mobile to Mobile Bands?

Several friends and I have recently all purchased FT100's and
ATAS antennas for our vehicles. We will soon be doing some
etc.etc.

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12398. Re: HELP - Ignition noise is driving me nuts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 07:01:19 UTC
From: ft100guy
Topic: 12294  Message: 12398

One ham once said that there is a cure for this:

1. remove dc line and coax from radio.
2. remove radio mounting bracket
3. remove offending Ford Product from under radio
4. replace defective Ford Product with GM product
5. Reinstall radio bracket,dc line and antenna
6. Lower NB and resume Ham activities..

In all seriousness, check the injector lines in addition as they mimic ignition noise as well. Your problem is not in the grounding that you are doing as it is strictly entering thru the antenna as evident by your description. I know there is a fuel pump dilemma with these vehicles and a kit is available although some have had lackluster results when using it.

Try a few unconventional things as different spark plugs, slightly different plug gaps, coax lengths and rear mounting the radio as close to the antenna as possible. In addition, try a deep cycle marine battery in a battery box as close to the radio as possible, eliminating the radios need for dependancy for power from up front (add an isolator and leads to charge it) The reason I added this comment is that I noticed no interference from Ford Products when sitting next to one at a light. Meaning that the radio when disassociated from the vehicles electrical system will eliminate much of what you are experiencing. I am very familiar with the 5.4 Triton series and being that the coils are mounted over each plug eliminates the need for wires,I would also suspect that the computer is generating much of this noise as well as it handles the spark control for the coils. Its a tough one to fix as it is radiated RF and its not coming in thru the dc line, supressing the radios need for the Fords electical system for power seems like an unorthodox but likely way to go as I can see that your problem doesnt present itself to other vehicles with ham gear in close proximity to a Ford. Just a thought.. regards.. Richy N2ZD

--- In FT100@y..., "Pres Waterman" <presw@1...> wrote:
> Well described.
>
> Please go sit on your dealer's desk, demand an audience with the field
> engineer, and complain loudly. Show them it goes way beyond 30MHz so they
> can't hide behind an excuse.
>
> If enough of us annoy the factory en masse maybe they will hear.

>
> Thanks
>
> Pres Waterman, W2PW
-----
> From: k5unm <k5unm@c...>
> To: <FT100@y...>
> Sent: Thursday, February 14, 2002 8:23 AM
> Subject: [FT100] Re: HELP - Ignition noise is driving me nuts
>
>
> > I have a 2001 F150 Triton 5.4 liter V8 also. I run an ATAS100 and
a
> > High Sierra 1500 from custom mounts off the trailer hitch in the
rear
> > of the vehicle. I also have the ignition noise problem,

# 12399. Re: ATAS Antenna Mount Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 06:30:06 UTC
From: ft100guy
Topic: 12390  Message: 12399

Check out the license plate mount from Lakewood (Hamstick people)

You can ground it and it works swell! I used it with my Atas and it worked fine and dandy like a sweet piece of candy.. If you must have a fold over type, get yourself a large washer and solder a braided wire to it and sandwich that between the connector and the atas.. If you want a quick fix for your coax, simply snip off the damaged part and get a quick connector from Radio shack. It has a needle which goes into the center conductor and a lock screw to grip the shield. Works fine for a quick fix and its reuseable. I keep one handy in case the coax takes a dump while on the road.. Regards.. Richy N2ZD

--- In FT100@y..., "ke4cqw" <ke4cqw@b...> wrote:
> Hello all,
> Well as much as I hate to admit it I am at a loss to
> solve this problem so I figured I would ask all of you. I live in
an
> apartment complex that is nice but some people here like to bend or
> remove the antennas off of people's car. To tell you how bad
> they are, a sheriff's dept car had all his antenna's
> "removed".
>
> Enough of the back round around here my problem is I
have
> a Comet quick disconnect antenna mount with the "small" coax, I
have
> trouble with 6 meters and know that the removable part is the
problem
> because of the lack of a good RF ground. I just killed the coax in
> the trunk and instead of spending a lot of time trying to repair
the
> coax problem with different coax I would like to replace it with a
> hideaway fold over trunk mount. I was looking on line and was
going
> to hit up the better half for an early birthday present I noticed a
> small sentence in the description and installation instructions on
> the K-601 antenna. Not for use with antennas that require a
ground.
> I was shocked to say the least, now I have a dilemma what do I do
to
> keep my antenna ripped off? I don't really like the quick
> removal Comet mount but what do I do.
>
> I hope that someone is using the K601 with ATAS-100 and

> that it works with maybe some modification. 73 all.
>
> Monus "Moe" Brewer, Jr
>
> KE4CQW
>
> ke4cqw@b...

# 12400. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 08:11:51 UTC
From: The Simpsons
Topic: 12372  Message: 12400

Oops!! Just remembered the ATAS won't tune down to 80metres, the main reason
I lost interest in obtaining one.

Grant, ZL2BK.

----- Original Message -----
From: "The Simpsons" <grant@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 17, 2002 8:51 PM
Subject: Re: [FT100] Best Mobile to Mobile Bands?

> I would suggest 80 metres as well. I have used it mobile for 30 years and
> had a lot of success over these distances in daytime (no VHF or UHF
> generally available to us then!!). Great band at night as long as
> atmospheric noise is not too high.
> One thing that might be worth trying though, when you are trying to
> communicate from one valley to the next is to pull your antenna down to
> almost horizontal, across the top of your vehicle. Of course, this
requires
> the antenna to be mounted high on the vehicle. This can sometimes help by
> providing a very high radiation angle with a small reflected signal coming
> down in to the next valley. I have not tried this myself, but have seen
the
> idea written about quite often. Let us all know how you get on.
>
> Grant, ZL2BK.
>
> ----- Original Message -----
> From: "Albert Furlow" <albeham@...>
> To: <FT100@yahoogroups.com>
> Sent: Sunday, February 17, 2002 3:03 PM
> Subject: Re: [FT100] Best Mobile to Mobile Bands?
>
>
> > ----- Original Message -----
> > From: BillBDallas
> > To: FT100@yahoogroups.com
> > Sent: Friday, February 15, 2002 9:39 PM
> > Subject: [FT100] Best Mobile to Mobile Bands?
> >
> >
> > Several friends and I have recently all purchased FT100's and
> > ATAS antennas for our vehicles. We will soon be doing some
> > exploring in the SW desert, and I am looking for opinions on
> > which ham bands may be most useful for us.
> >

> > Obviously, if we are within a few miles of each other, VHF or UHF
> > may be the most useful. However, there will be times when we
> > will be 5-20 miles or more apart. Can anyone offer their
> > experience in this type of HF experience and shorten our
> > learning curve?
> >
> > BTW, the area is fairly rugged, and somewhat mountainous, with
> > the possibility of needing to communicate from inside one
> > canyon to another.

# 12401. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 14:17:50 UTC
From: Tad Danley
Topic: 12372  Message: 12401

BillBDallas wrote:

> Several friends and I have recently all purchased FT100's and
> ATAS antennas for our vehicles. We will soon be doing some
> exploring in the SW desert, and I am looking for opinions on
> which ham bands may be most useful for us.

Six meter ssb may be your best bet, but you may want to check out 10 and 2 meter ssb as well. Ground wave propagation on those bands is pretty good. I don't know how the ATAS does on 2 meters but I suspect it is OK on 6 and 10. I am using my FT-100D with Hamsticks and quick disconnect mounts on 10 and 6 meters, with a separate dual band antenna for 2/432.

Have fun with your new radios and mode of operation. HF mobiling is loads of fun, and the FT-100D is a neat rig!

Good luck and 73,

--
Tad Danley, K3TD
mailto:taddanley@...

# 12402. RE: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 14:11:53 UTC
From: Tom Tishken KD4WOV
Topic: 12372  Message: 12402

I use 2 meters and 70 cm to make mobile to mobile contact out to 50+ miles
and mobile to base contacts out to 130+ miles. I was running a diamond
sg7900 and 150+ watts on 2 meters and 100 watts on 70 cm. the diamond sg7900
is 5 db on 2 meters and 8 db on 70 cm.

-----Original Message-----
From: The Simpsons [mailto:grant@...]
Sent: Sunday, February 17, 2002 2:51 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Best Mobile to Mobile Bands?

I would suggest 80 metres as well. I have used it mobile for 30 years and
had a lot of success over these distances in daytime (no VHF or UHF
generally available to us then!!). Great band at night as long as
atmospheric noise is not too high.
One thing that might be worth trying though, when you are trying to
communicate from one valley to the next is to pull your antenna down to
almost horizontal, across the top of your vehicle. Of course, this requires
the antenna to be mounted high on the vehicle. This can sometimes help by
providing a very high radiation angle with a small reflected signal coming
down in to the next valley. I have not tried this myself, but have seen the
idea written about quite often. Let us all know how you get on.

Grant, ZL2BK.

----- Original Message -----
From: "Albert Furlow" <albeham@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 17, 2002 3:03 PM
Subject: Re: [FT100] Best Mobile to Mobile Bands?

> ----- Original Message -----
> From: BillBDallas
> To: FT100@yahoogroups.com
> Sent: Friday, February 15, 2002 9:39 PM
> Subject: [FT100] Best Mobile to Mobile Bands?
>
>
> Several friends and I have recently all purchased FT100's and
> ATAS antennas for our vehicles. We will soon be doing some
> exploring in the SW desert, and I am looking for opinions on
> which ham bands may be most useful for us.
>
> Obviously, if we are within a few miles of each other, VHF or UHF
> may be the most useful. However, there will be times when we
> will be 5-20 miles or more apart. Can anyone offer their

> experience in this type of HF experience and shorten our
> learning curve?
>
> BTW, the area is fairly rugged, and somewhat mountainous, with
> the possibility of needing to communicate from inside one
> canyon to another.

Post message: FT100@yahoogroups.com
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12403. Mobile Bands

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 15:11:13 UTC
From: Freddy Thompson Bratton
Topic: 12403  Message: 12403

In reference to Bill, KD5JWA's question on mobile bands: I spend a lot of time on 20 meters. I am a salesman and spend a lot of time in the car every day. I am on a 20 meter military frequency until noon CST most every day then I wander to other known 20 meter DX nets, all with success. It seems that seldom will a week go by that someone doesn't mention how good the signal is and is surprised that I have identified as mobile. The ATAS has been a great antenna. I think my favorite mobile band is 17 meters. It is a small bandwith and you can quickly find someone on it but it is seldom too crowded. Keep in mind virtually all of my "mobilin" is done during the work day when most people are unable to use their rigs.

I think the "100" is a great rig. The ATAS makes it ideal for me. I live in Memphis and travel the surrounding area and I am in places that I wouldn't risk someone stealing or more likely vandalizing the antenna. I can unscrew the ATAS off the Diamond K 400 mount and have it in the trunk in moments, cap the coax for protection against the elements and I'm gone. I don't argue that a screwdriver would be more effective but the ease of the ATAS sold me on that combination over the ICOM. I still wish I knew which rig was really best recieve, audio, DSP, NB with the same antenna under identical conditions. I have ICOM fans that insist their rigs actually have the advantage most of us feel ours have.

I read the post daily and see all the complaints on our radio. Granted the SWR mod and the fan mod are both necessary. I sent mine to Cerritos and was very unhappy with the turn around time. It was about 10 weeks. However, put that aside, I have been trouble free since and feel that that aggravation is a small price to pay for a rig and antenna system that has performed flawlessly ever since. Those are the only two problems I have ever had. Again, I am continually amazed at the reports that I get regularly. Many reports are " I can't believe you have that good a mobile signal". With those overall results, the pain and aggravation of the trip to Cerritos and the $75 fee for alignment-----or whatever are slight------not forgotten but slight. I'd take these aggravations to have this rig. I spend hours------hundreds of them on the 100--not even the "D" model.

I have not had another mobile rig before this so my experience is limited and I don't have ANY expertise. However I do have a lot of hours of enjoyment because of this rig. If I thought I would be better off with another rig, I'd order it as soon as I post this to our reflector. I don't measure its success with testing equipment numbers, although they are certainly valid, I use what I can do and can't do. I hear others that have quite a conglomeration of antenna and other eqipment-----most aren't getting any better reports than I am and many aren't as good. Success with a rig is if you are happy with the results because them meet your needs.

Lastly,don't be offended by the question of license. Most all of us are vehemently trying to keep our bands clean and our hobby as pure as possible. Consider that a worthwhile concern from whomever questioned it. It might surprise some how often concerned amateurs run a call sign thru QRZ ect to be sure it is legit. Remember, we are basically a self-policing organization. Riley Hollingsworth was our lead speaker at the Dixiefest in Memphis last weekend and he again pointed that out.

Thanks for the space:

Freddy Bratton
KF4ZGJ
AFA2KF
Bartlett, TN
---

Check out Cupid School where you will learn from Matchmaker's
best and brightest. Good Luck!

http://ecard.matchmaker.com/cupid0202/cupid0202.html

# 12404. Re: [FT100] Re: Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 15:47:34 UTC
From: w1po@aol.com
Topic: 12372  Message: 12404

Bill,
I use a simple 6 meter helically wound stick. The SSB contacts on 6 meters mobile have been consistent with ground wave propagation. Our terrain here is rolling hills to peaks of 2500 feet. I saw one 2 meter suggestion using sideband, but I think that's stretching it in your case. The reason I like 6 meters for this is that if the band is not open to E or F layer propagation, you'll have the whole band to yourselves as many others look for the "skip" conditions to operate 6. Try it around town with a few guys to test it. On the ATS 100, I haven't been impressed with what I have seen. I use a DIPLEXER to split the HF between an Outbacker Perth Plus for 40-10 meters with a Z11MP LDG autotuner and then the simple stick for 6 meters. The stick is outstanding for mobile and I can work anything I can hear even when the band is hot to E and F openings. Have fun!!

W1PO, Dan

Dan Szymanowski

[Non-text portions of this message have been removed]

# 12405. RE: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 16:20:24 UTC
From: freddo
Topic: 12372  Message: 12405

Seems like the opinions voiced here suggest either 6 or 2 meters SSB. In this case it should come down to the antenna. I've had excellent results playing around with 2 meter SSB mobile to mobile at good distances. On 6 meters, I've chewed the rag with a friend on SSB from my mobile with the FT100/ATAS-100 combo, while he was at home with a J-pole built for 6m. It may have been his J-pole or my ATAS, but I would have thought the gain would have been a little higher.

IMHO, 2 meter SSB with a hi-gain antenna (as per Tom KD4WOV) would be the winner here. We all know the ATAS-100 is a compromise antenna. I have the Diamond SG2000 2 meter monoband antenna, at 5.2 db gain I can echo Toms sentiments that it really gets out. It's not for everyone though, at over 62 inches in length. But if you're in wide open spaces (with the odd canyon thrown in for interest), I think it'd be a hard combo to beat.

Fred VA3FD

[Non-text portions of this message have been removed]

# 12406. Re: [FT100] Re: Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 17:10:28 UTC
From: Lee Boulineau
Topic: 12372  Message: 12406

Bill,

I use an Outbacker Stealth Plus for HF, a hamstick
for 6, and a MFJ antenna for 2 and 70 - but I don't
use the FT-100D on 2 or 70 much!!

73 de N4MVL

Lee

--- BillBDallas <sierra.health@...> wrote:
> Mark:
>
> Your response demonstrated a rather arrogant
> attitude. Frankly,
> it is attitudes like yours that turns many newcomers
> off from this
> fine hobby.
>
> We are all licensed, and I did not realize the
> "protocol" of leaving
> your call letters with your posts. We are also
> relatively new to HF,
> and mobile HF in particular. I was looking for
> first hand
> information based on actual experience (as opposed
> to theory).
>
> For those of you that responded with useful
> suggestions, thank
> you, and more suggestions will be appreciated. I
> would also be
> interested in hearing of what people have found not
> to work, as
> well as what does work.
>
> The 6 meter report from Dan sounds interesting.
> What is the
> maximum reliable distance experienced by others for
> Mobile-Mobile 6 meter? How much is it effected by
> topography,
> specifically, desert type buttes and canyons? Does
> the ATAS
> antenna work as well as a dedicated 6 meter antenna?
>
> Thanks again in advance.

> 
> Bill
> KD5JWA
> 
> 
> 
> 
> 
> --- In FT100@y..., "MJ" <mjjohnson7587@q...> wrote:
> > Bill,
> > First I would ask if you and your friends are
> licensed amateurs
> with the
> > privileges to operate in the HF band in the first
> place. You don't
> put
> > your call letters on your post and anyone who was
> really
> licensed to
> > operate HF would know, or at least should know,
> what the
> basic
> > properties of propagation are for the frequencies
> they are
> using.
> >
> > If you are not licensed I would advise you to stay
> off the ham
> bands and
> > get commercial or CB radios instead.
> >
> >
> > Mark
> > AB0HJ
> >
> > BillBDallas wrote:
> > >
> > > Several friends and I have recently all
> purchased FT100's
> and
> > > ATAS antennas for our vehicles. We will soon be
> doing
> some
> > > exploring in the SW desert, and I am looking for
> opinions on
> > > which ham bands may be most useful for us.
> > >
> > > Obviously, if we are within a few miles of each
> other, VHF or
> UHF

> > > may be the most useful. However, there will be
> times when
> we
> > > will be 5-20 miles or more apart. Can anyone
> offer their
> > > experience in this type of HF experience and
> shorten our
> > > learning curve?
> > >
> > > BTW, the area is fairly rugged, and somewhat
> mountainous,
> with
> > > the possibility of needing to communicate from
> inside one
> > > canyon to another.
> > >
> > > Yahoo! Groups Sponsor
> > > ADVERTISEMENT
> > >
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good
> as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> Service.
>
>
>

---
Do You Yahoo!?
Yahoo! Sports - Coverage of the 2002 Olympic Games
http://sports.yahoo.com

# 12407. Re: Dead recv on HF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 12:06:16 UTC
From: wb4tdb@aol.com
Topic: 12407  Message: 12407

In a message dated 2/17/2002 8:11:57 AM GMT Standard Time,
FT100@yahoogroups.com writes:

> Date: Sat, 16 Feb 2002 11:08:37 -0000
> From: "k8arn" <k8arn@...>
> Subject: Dead recv on HF
>
> has anyone had this problem..did test on 10 mtrs only recv
> about 50 ft away...if anyone has had this repair done, what did it
> involve...thanks
>
>

My FT100D is also very poor on receive both HF/VHF. It was returned to
CA a couple of weeks ago for warrentry repairs. I was given an 8 week
turn around. I will keep the list posted.
73,
Vollie
W4TDB

[Non-text portions of this message have been removed]

# 12408. SPAM Solution

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 08:46:26 UTC
From: Ham_Tech@juno.com
Topic: 12408  Message: 12408

The moderator of this group, in order to to stop the SPAM, needs to go to the FT100's yahoo webboard's site.

And needs to have the email address of the SPAMmer, to block the address through the member's list.

Daniel

_____
GET INTERNET ACCESS FROM JUNO!
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http://dl.www.juno.com/get/web/.

# 12409. ATAS-100 on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 08:39:55 UTC
From: Ham_Tech@juno.com
Topic: 12409  Message: 12409

Hi,

I had a guy in Charlotte, NC, KC4FM tell me how he clipped the whip of
the antenna to the backside of his car for extra resonance.

Daniel

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.

# 12410. YAESU'S TURN-TIME ON WARRANTY WORK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 15:45:04 UTC
From: bed143
Topic: 12410  Message: 12410

Well, I sent my FT-100D to Cerritos yesterday to have all the mods done. I spoke to them earlier this week and was told I can expect to have it back in 5 weeks. Anyone experienced their latest performance standards on turn-around time lately??? Is 5 weeks realistic? Thanks and 73's

Dennis (WD5FOX)

# 12411. Re: [FT100] Re: Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 16:14:20 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12372  Message: 12411

I advocate 2m or 432 because I regularly work rovers out to 200+ miles in SSB on those bands where the rovers have simple antennas such as single or stacked halos. And the rovers work each other decently, generally preferring the FT-100(D) to other radios because of the better performance of the FT-100(D) receivers. When working home stations on 2m SSB horizontal polarization is preferred. There is some slight evidence that horizontal polarization gets past the horizon better. SSB is always better at working DX on any band than FM because the receiver bandwidth, and thus the noise power is much smaller for SSB than for FM (or AM). And SSB does not have the abrupt threshold characteristic of FM.

I used to run MARS nets simultaneously on 2m SSB and 4.020 MHz. Signals were always better on 2m than on 75 meters for the same 100 mile paths except for occasional deep fades on 2m. Those deep fades, usually about twice an hour, lasted only a part of a minute each. Too much fade for a commercial 100% reliable circuit, no significant bother to amateur radio communications.

Even the ATAS100 should be more effective on 2m than on 6m though a dedicated antenna for either band will prove to be better.

73, Jerry, K0CQ
--
Entire content copyright Dr. Gerald N. Johnson. Reproduction by permission only.

# 12412. ATAS 100 install on a 2002 Envoy

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 17:44:20 UTC
From: KB3DWR@aol.com
Topic: 12412  Message: 12412

I am looking for anyone who has installed a ATAS 100 on a GMC 2002 Envoy.

I am interested in Where and how you may have installed the ATAS 100 on the
this vehicle.

Please email me direct at
KB3DWR@...

Thanks

73's

de
N3ONM
Olaf N. Markert

[Non-text portions of this message have been removed]

# 12413. Re: YAESU'S TURN-TIME ON WARRANTY WORK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 18:05:00 UTC
From: k5unm
Topic: 12410  Message: 12413

--- In FT100@y..., "bed143" <bed143@y...> wrote:
> Well, I sent my FT-100D to Cerritos yesterday to have all the mods
> done. I spoke to them earlier this week and was told I can expect
to
> have it back in 5 weeks. Anyone experienced their latest
performance
> standards on turn-around time lately??? Is 5 weeks realistic?
Thanks
> and 73's
>
> Dennis (WD5FOX)
Non warranty repair 12 weeks (Dec3,2001 to approx Feb 20, 2002)
replace V/U finals.

# 12414. Cerritos Warranty Repar

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 18:54:41 UTC
From: wc4xned
Topic: 12414  Message: 12414

I am two weeks into the wait for FT100D warranty repair. I was told 4-6 weeks. Will report actual time when radio is received back from them.

# 12415. Re: [FT100] ATAS 100 install on a 2002 Envoy

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 18:57:58 UTC
From: Jim Dawson
Topic: 12412  Message: 12415

Please post the answers here in addition to direct email, others want to know as well.

Jim - K9DD

----- Original Message -----
From: <KB3DWR@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, February 17, 2002 11:44 AM
Subject: [FT100] ATAS 100 install on a 2002 Envoy

> I am looking for anyone who has installed a ATAS 100 on a GMC 2002 Envoy.
>
> I am interested in Where and how you may have installed the ATAS 100 on the
> this vehicle.
>
> Please email me direct at
> KB3DWR@...
>
> Thanks
>
> 73's
>
> de
> N3ONM
> Olaf N. Markert
>
>
> [Non-text portions of this message have been removed]
>
>
>
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> Subscribe: FT100-subscribe@yahoogroups.com
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# 12416. Re: [FT100] Cerritos Warranty Repar

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 19:20:29 UTC
From: John McClain
Topic: 12414  Message: 12416

Over the past couple of months I have read here on the list that people are waiting anywhere from 5 to 12 weeks for warranty repairs. Does Yaesu extend the warranty time by the same amount? It seems to me that this would be the fair thing for them to do. It isn't fair for them to keep the radio sitting on their shelf while the warranty period is running down.

John
K7SVV@...
----- Original Message -----
From: wc4xned
To: FT100@yahoogroups.com
Sent: Sunday, February 17, 2002 11:54 AM
Subject: [FT100] Cerritos Warranty Repar

I am two weeks into the wait for FT100D warranty repair. I was told
4-6 weeks. Will report actual time when radio is received back from
them.

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[Non-text portions of this message have been removed]

# 12417. DK3 Controller looking for help..

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 19:29:26 UTC
From: ka1ffo
Topic: 12417  Message: 12417

Hello FT-100/d owners. I have seen a controller circut using a yeasu
past s81649, but I still need help in learning details about puting
it together, and help out there?

# 12418. Re: [FT100] ATAS-100 on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 17:40:10 UTC
From: luiz lissoni
Topic: 12409  Message: 12418

Is there anyone here that had had good reports using ATAS100 (HF bands only) ? I am trying but... --- Ham_Tech@... wrote: Hi,

I had a guy in Charlotte, NC, KC4FM tell me how he clipped the whip of
the antenna to the backside of his car for extra resonance.

Daniel

_____
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# 12419. Re: Dead recv on HF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 19:16:50 UTC
From: ft100guy
Topic: 12407  Message: 12419

Before you send it in, open the top and bottom covers and reseat
all connectors, chances are something came loose. In addition, wiggle
the pigtail connectors and see if they are cold soldered to the board
and/or a possible broken connection inside the pigtail coax itself.
We had one pop up here the other day without HF rx and it was a
loose ribbon connector to the board. Dont lose the radio for 8 weeks
if you dont have to. Regards.. Richy N2ZD

--- In FT100@y..., wb4tdb@a... wrote:
> In a message dated 2/17/2002 8:11:57 AM GMT Standard Time,
> FT100@y... writes:
>
>
> > Date: Sat, 16 Feb 2002 11:08:37 -0000
> > From: "k8arn" <k8arn@y...>
> > Subject: Dead recv on HF
> >
> > has anyone had this problem..did test on 10 mtrs only recv
> > about 50 ft away...if anyone has had this repair done, what did
it
> > involve...thanks
> >
> >
>
> My FT100D is also very poor on receive both HF/VHF. It was
returned to
> CA a couple of weeks ago for warrentry repairs. I was given an 8
week
> turn around. I will keep the list posted.
> 73,
> Vollie
> W4TDB

# 12420. Re: [FT100] Re: Dead recv on HF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 20:39:18 UTC
From: Lee Boulineau
Topic: 12407  Message: 12420

If you need to do the mods - do them at the same
time!!!

73 de N4MVL

Lee

--- ft100guy <ss409ss@...> wrote:
> Before you send it in, open the top and bottom
> covers and reseat
> all connectors, chances are something came loose. In
> addition, wiggle
> the pigtail connectors and see if they are cold
> soldered to the board
> and/or a possible broken connection inside the
> pigtail coax itself.
> We had one pop up here the other day without HF rx
> and it was a
> loose ribbon connector to the board. Dont lose the
> radio for 8 weeks
> if you dont have to. Regards.. Richy N2ZD
>
>
>
>
> --- In FT100@y..., wb4tdb@a... wrote:
> > In a message dated 2/17/2002 8:11:57 AM GMT
> Standard Time,
> > FT100@y... writes:
> >
> >
> > > Date: Sat, 16 Feb 2002 11:08:37 -0000
> > > From: "k8arn" <k8arn@y...>
> > > Subject: Dead recv on HF
> > >
> > > has anyone had this problem..did test on 10 mtrs
> only recv
> > > about 50 ft away...if anyone has had this repair
> done, what did
> it
> > > involve...thanks
> > >
> > >
> >
> > My FT100D is also very poor on receive both
> HF/VHF. It was

> returned to
> > CA a couple of weeks ago for warrentry repairs. I
> was given an 8
> week
> > turn around. I will keep the list posted.
> > 73,
> > Vollie
> > W4TDB
>
>
>
>

---
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# 12421. RE: [FT100] ATAS-100 on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 21:26:37 UTC
From: J. Morgan Ringold
Topic: 12409  Message: 12421

Just got my FT-100D back from Yaesu and reinstalled this week with ATAS-100. First thing I did was check into Maritime Net on 20M. Net Control gave me a good signal report. However, I have yet to get really good reports on 40M. - Morgan KG4PAN -----Original Message----- From: luiz lissoni [mailto:py2mrd@...] Sent: Sunday, February 17, 2002 12:40 PM To: FT100@yahoogroups.com Subject: Re: [FT100] ATAS-100 on 80m Is there anyone here that had had good reports using ATAS100 (HF bands only) ? I am trying but... --- Ham_Tech@... wrote: Hi,

I had a guy in Charlotte, NC, KC4FM tell me how he clipped the whip of
the antenna to the backside of his car for extra resonance.

Daniel

_____
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# 12422. RE: [FT100] Re: YAESU'S TURN-TIME ON WARRANTY WORK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-17 21:20:55 UTC
From: J. Morgan Ringold
Topic: 12410  Message: 12422

Just got my FT-100D back this week for warrenty work. Almost 8 weeks to the day.

- Morgan
KG4PAN

-----Original Message-----
From: k5unm [mailto:k5unm@...]
Sent: Sunday, February 17, 2002 1:05 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: YAESU'S TURN-TIME ON WARRANTY WORK

--- In FT100@y..., "bed143" <bed143@y...> wrote:
> Well, I sent my FT-100D to Cerritos yesterday to have all the mods
> done. I spoke to them earlier this week and was told I can expect to
> have it back in 5 weeks. Anyone experienced their latest performance
> standards on turn-around time lately??? Is 5 weeks realistic?
Thanks
> and 73's
>
> Dennis (WD5FOX)
Non warranty repair 12 weeks (Dec3,2001 to approx Feb 20, 2002)
replace V/U finals.

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# 12423. Re: [FT100] ATAS-100 on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 00:58:35 UTC
From: jim
Topic: 12409  Message: 12423

I have been using the ATAS-100 for about a year and have always gotten good signal reports with it on 40-10 meters. Jim K0JLZ J. Morgan Ringold wrote: > Just got my FT-100D back from Yaesu and reinstalled this week with ATAS-100. > First thing I did was check into Maritime Net on 20M. Net Control gave me a > good signal report. However, I have yet to get really good reports on 40M. > > - Morgan > KG4PAN > > -----Original Message----- > From: luiz lissoni [mailto:py2mrd@...] > Sent: Sunday, February 17, 2002 12:40 PM > To: FT100@yahoogroups.com > Subject: Re: [FT100] ATAS-100 on 80m > > > Is there anyone here that had had good reports using > ATAS100 (HF bands only) ? > > I am trying but... > --- Ham_Tech@... wrote: > > > > > > > Hi,
>
> I had a guy in Charlotte, NC, KC4FM tell me how > he clipped the whip of
> the antenna to the backside of his car for extra > resonance.
>
> Daniel
> _____
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5063108:HM/A=960173/R=0/*http://service.bfast.com/bfast/click?bfmid=29150849 >
&siteid=39249818&bfpage=moneyyahoo4" > >
src="http://us.a1.yimg.com/us.yimg.com/a/sh/sharebuilder/300x250_blue_gen_ms > n.gif" >
alt="" width="300" height="250" > border="0">
>
>
> src="http://us.adserver.yahoo.com/l?M=217097.1884387.3381019.1261774/D=egrou >
pmail/S=1705063108:HM/A=960173/rand=550493003">
>
> > > > >
> > Post > message: > FT100@yahoogroups.com
> > Subscribe: > > FT100-subscribe@yahoogroups.com
> Unsubscribe: > FT100-unsubscribe@yahoogroups.com
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> FAQ on > WWW: > >
href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100faq.html >
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# 12424. RE: [FT100] ATAS-100 on 80m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 01:38:32 UTC
From: Bob Cheek
Topic: 12409  Message: 12424

All,

The ATAS-100 is a very short and uses a significant amount of inductive reactance to tune it on 40 meters. Add to this the fact that the inductor is a very fine wire and has a relatively high loss. So, the lower you go in frequency the more inductance, the more loss, the less efficient the antenna becomes. Any mobile antenna for 40, 80, and 160 meters is typically pretty inefficient. As you go lower in frequency and add inductance to the antenna to tune it the radiation resistance is reduced. A center loaded 8 foot whip can have a radation resistance of 10-15 ohms. Adding to the losses in the antenna are the ground system losses. The ground resistance that the antenna is driving against is only that of the capacitance of the vehicle to ground and of course the ground resistance goes up as the frequency does down. This compounds the problem driving a low impedance antenna. So, basically the lower you go in frequency the everything starts to work against you.

My experience is that the ATAS works pretty good on 20 meters and above. I changed from the ATAS to a High Sierra HS-1500. This antenna provides better performance on 40 and 80 meters, but it is also three times the size of the ATAS-100. To wind up this ball of string, it is perfectly normal for your reports to be better on the upper frequencies than on 40 meters.

With mobile antennas as well as other things, Size does count!

That's my two cents worth.

DE WB4EJE

--- "J. Morgan Ringold" <jringold@...>
wrote:
> Just got my FT-100D back from Yaesu and reinstalled
> this week with ATAS-100.
> First thing I did was check into Maritime Net on
> 20M. Net Control gave me a
> good signal report. However, I have yet to get
> really good reports on 40M.
>

> - Morgan
> KG4PAN
>
> -----Original Message-----
> From: luiz lissoni [mailto:py2mrd@...]
> Sent: Sunday, February 17, 2002 12:40 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] ATAS-100 on 80m
>
>
> Is there anyone here that had had good reports
> using
> ATAS100 (HF bands only) ?
>
>

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# 12425. Hooking MD-100A8X to FT-100D!?!?!?!?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 04:03:59 UTC
From: asi_tek
Topic: 12425  Message: 12425

I just bought the Yaesu CT-69 6 pin modular to 8 pin Yaesu adapter for my FT-100D. I am using the FT-100D in the shack. I need to know if I can just hook up a brand new Yaesu MD-100A8X and call it a day or do I need to modify (internally) the MD-100A8X mic in any way to make it compatiable with the FT-100D. Please let me know what I should do!!

Thanks!!

# 12426. RE: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 04:02:25 UTC
From: Tom Tishken KD4WOV
Topic: 12372  Message: 12426

acutely the distances listed was for FM, I was not sure you would be using SSB. But I can say this on 2 meter SSB add about 35% to the miles listed. We found SSB mobile to mobile even running vert, as opposed to horz, we gained 35 to 40% over FM on 2 meters. Using that diamond I have worked into NM and AZ on 2 meter SSB along with AL, FL, and GA from south west Missouri.

If you use the Diamond or just about any antenna, use a thru the body mount. I have used my SG7900 on a 3 magnet mag mount and it was 4 to 8 S units down on the mag mount compared to running it mounted thru the rear drivers side fender. This was done using the same cable and mount.

-----Original Message-----
From: freddo [mailto:freddo@...]
Sent: Sunday, February 17, 2002 11:20 AM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Best Mobile to Mobile Bands?

Seems like the opinions voiced here suggest either 6 or 2 meters SSB. In this case it should come down to the antenna. I've had excellent results playing around with 2 meter SSB mobile to mobile at good distances. On 6 meters, I've chewed the rag with a friend on SSB from my mobile with the FT100/ATAS-100 combo, while he was at home with a J-pole built for 6m. It may have been his J-pole or my ATAS, but I would have thought the gain would have been a little higher.

IMHO, 2 meter SSB with a hi-gain antenna (as per Tom KD4WOV) would be the winner here. We all know the ATAS-100 is a compromise antenna. I have the Diamond SG2000 2 meter monoband antenna, at 5.2 db gain I can echo Toms sentiments that it really gets out. It's not for everyone though, at over 62 inches in length. But if you're in wide open spaces (with the odd canyon thrown in for interest), I think it'd be a hard combo to beat.

Fred VA3FD

[Non-text portions of this message have been removed]

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# 12427. RE: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 13:54:18 UTC
From: Robert Gauss
Topic: 12372  Message: 12427

I've been reading this thread for a while and it is interesting. Ill add a couple of comments, some based on theory, some practical

- Propgation loss between unity gain antennas goes up with frequency. So comparing 10, 6, 2 meters each using 1/4 antennas 10 would be better than 6, 6 better than 2.

- Propgation loss using equal capature area antennas, example both using 5/8 wave on 2 vs both using 1/4 wave on 6 goes, down with increasing frequency. This might slightly favor 2 if both stations were using well tuned gain antennas and the path was mostly clear. Not the situation presented. I have also seen little practical difference between 5/8 wave and 1/4 wave antennas in normal installations. I believe the limited ground plane of the car roof negates the theorical gain of 5/8 wave antennas.

- Lower frequencies have less shadowing affects than higher frequencies. The local PD finds low band FM better than 450 in hills and valleys here in Ohio

- 10 meters and lower may have QRM problems if skywave propogation is present. 10 is a big band and a clear frequency higher in the band could be used. There are no clear frequencies on 20 hi.

- The FT-100 is 100w out on 6 and 10 but only 50w on 2.

- No arguement that SSB is prefered to FM for range. Primarly due to the narrower bandwidth which improvess S/N on weak signals.

My best bet would be 10 or 6 SSB, using the ATAS antenna, possibly using 2 FM when close for ease of tuning. Lower than 10 is inviting QRM problems and possibley reduced antenna efficency. The ATAS should be nearly lossless on both 6 (full size 1/4 wave) and 10 (small inductive load)

Bob

--- Tom Tishken KD4WOV <kd4wov@...> wrote:
> acutely the distances listed was for FM, I was not sure you would be using
> SSB. But I can say this on 2 meter SSB add about 35% to the miles listed. We
> found SSB mobile to mobile even running vert, as opposed to horz, we gained
> 35 to 40% over FM on 2 meters. Using that diamond I have worked into NM and
> AZ on 2 meter SSB along with AL, FL, and GA from south west Missouri.
>

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# 12428. FT-100D Serial Numbers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 04:24:51 UTC
From: ve7baq
Topic: 12428  Message: 12428

I have a question RE. FT-100D Serial Numbers:
I have an FT-100D serial 9K121054. I am curious about the manufactured date. I think it would be September 1999, production run 12. Am I correct?
Einar VE7BAQ
e-mail carls@...

# 12429. Re: Zero Beating

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 05:45:06 UTC
From: w6zip
Topic: 12429  Message: 12429

I concur with the views that Lou expressed in bringing out good references to understanding the concepts of zero beating. Also I feel that Paul has brought up a good point, and that's exactly what I tend to do with my FT-100D in order to accomplish that rare DX QSO with the tight filter on and him needing to pull me out of the woodwork. The importance of being directly on frequency with that other contact will always mean the difference between success and failure in a contest, and from where Paul is coming from I would think that Yaesu should provide some type of errata to the operation manual like, "Tone deaf individuals beware of CW operation with this rig" Otherwise the designers of my fine radio (No pun intended) should have thought that Good Operational Features = Good sales for them before making the firmware non-upgradeable or menu buttons that you can't customize. Alpha numeric tags would have also been nice, but who's counting that?? Not to bash anyone on the list but, I think Yaesu needs to take a good zero-beating once in a while. (Pun intended) I'm back in my hole, with my Ft-100D and FT-990AC of course.

# 12430. YAESU'S TURN-TIME ON WARRANTY WORK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 09:03:31 UTC
From: pa9jj@amsat.org
Topic: 12410  Message: 12430

Hi all,

The service of Yeasu Europe is very bad.
Send mine to de dealer on November 9 2001 and I am still
waiting.....
The excuse is that they do not have the spare parts.... ( a 50 ohm
resistor can be bought almost everywere in this country) and that
communication between the dealer and Yasu is very bad. They
speak only japanese...

Op 17 Feb 2002 om 16:20, J. Morgan Ringold schreef:

> Just got my FT-100D back this week for warrenty work. Almost 8 weeks to the
> day.
>
> - Morgan
> KG4PAN
>
> -----Original Message-----
> From: k5unm [mailto:k5unm@...]
> Sent: Sunday, February 17, 2002 1:05 PM
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: YAESU'S TURN-TIME ON WARRANTY WORK
>
>
> --- In FT100@y..., "bed143" <bed143@y...> wrote:
> > Well, I sent my FT-100D to Cerritos yesterday to have all the mods
> > done. I spoke to them earlier this week and was told I can expect
> to
> > have it back in 5 weeks. Anyone experienced their latest
> performance
> > standards on turn-around time lately??? Is 5 weeks realistic?
> Thanks
> > and 73's
> >
> > Dennis (WD5FOX)
> Non warranty repair 12 weeks (Dec3,2001 to approx Feb 20, 2002)
> replace V/U finals.
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Met vriendelijke groeten,

jan-en-jan@...

# 12431. FT-100D Serial Numbers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 04:24:26 UTC
From: ve7baq
Topic: 12428  Message: 12431

I have a question RE. FT-100D Serial Numbers:
I have an FT-100D serial 9K121054. I am curious about the manufactured date. I think it would be September 1999, production run 12. Am I correct?
Einar VE7BAQ
e-mail carls@...

# 12432. Re: DK3 Controller looking for help..

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 11:48:41 UTC
From: ft100guy
Topic: 12417  Message: 12432

--- In FT100@y..., "ka1ffo" <albeham@e...> wrote:
> Hello FT-100/d owners. I have seen a controller circut using a
yeasu
> past s81649, but I still need help in learning details about puting
> it together, and help out there?

Please give us the particulars on what you are looking to do..
It sounds like you want to tune an aftermarket screwdriver using the FT100 "Tune" feature. Sounds good, but the typical screwdriver uses 12v+ to tune one way and 12v- to tune the other way where the Atas uses two positive voltages to do the same task. I guess you can make an interface by beefing up the driver board (20 bucks from Yaesu) and trying that to interface it. Hard to say as it hasnt been addressed here. Regards.. Richy N2ZD

# 12433. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 16:25:40 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12372  Message: 12433

Why is it that I rarely hear adjacent states on 10m but work them consistently on 2m SSB?

73, Jerry, K0CQ
--
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# 12434. Subscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 18:55:10 UTC
From: Nelson Moyer
Topic: 12434  Message: 12434

subscribe

# 12435. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 19:51:58 UTC
From: Robert Gauss
Topic: 12372  Message: 12435

Could be activity level. During the 10 meter contest you can hear work many adjacent states after the band closes for skywave. They are weak but stable copy just like 2. Most hams abandon 10 when the band closes.

Could be antenna system. The typical long boom 2 meter antenna may have more capture area the common triband on 10 meters. Achieveabe antenna gain is an advantage of higher frequency operation.

Note that antenna gain and capture area are not exactly the same thing. Capture area is NOT beamwidth. Narrow beam width antennas are high gain and have high capture area.

Example 1:

Pr/Pt = K(for distance)*Gt*Gr*(wl)^2
numbers as ratios, not db
Pr = power received Pt = power transmitted
Gr = gain of receive antenna Gt = gain of transmit antenna
(wl)^2 = wavelenght squared

15ft long two meter beam = 15.8db = 38 times power ratio (cushcraft 13B2)
Pr/Pt = K*38*38*2*2 =K*5776

14ft boom tribander = 8.0db = 6.3 times power ratio (cushcraft A3S)
Pr/Pt = 6.3*6.3*10*10 = K*3969

2 meter advantage = 5776/3969 = 1.6db

And arguable its easier to put up a 15 ft 2 meter beam antenna than a 14 ft tribander. Put up a quad of 2 meter beams (weights about the same) and now 2 meters has a 7.6 db advantage.

Example 2:

10 meter ground plane vs 2 meter gound plane

power ratio both = 1.64

Pr/Pt = 1.64*1.64*2*2 = 10.7

Pr/Pt = 1.64*1.64*10*10 = 269

10 meter advantage = 269/10.7 = 14db

Clearly nearly similiar antenna sizes (capture area) give about same results, or even favor the higher frequency.

Antennas with same gains (but of course the 2 meter antenna is smaller) show a large lower frequency advantage.

Bob

--- "Dr. Gerald N. Johnson, electrical engineer" <geraldj@...> wrote:
> Why is it that I rarely hear adjacent states on 10m but work them
> consistently on 2m SSB?
>
> 73, Jerry, K0CQ
> --
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http://sports.yahoo.com

# 12436. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 20:13:44 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12372  Message: 12436

I've worked mobiles on 2m in other states without enhanced propagation,
not much antenna benefit on there end.

73, Jerry, K0CQ

--
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# 12437. Re: [FT100] Best Mobile to Mobile Bands?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 21:23:42 UTC
From: Robert Gauss
Topic: 12372  Message: 12437

Many things happen that cannot be explained. That's the fun part of ham radio.

--- "Dr. Gerald N. Johnson, electrical engineer" <geraldj@...> wrote:
> I've worked mobiles on 2m in other states without enhanced propagation,
> not much antenna benefit on there end.
>
> 73, Jerry, K0CQ
>
> --
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# 12438. Re: [FT100] ATAS Antenna Mount Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 01:43:23 UTC
From: Pres Waterman
Topic: 12390  Message: 12438

>
> Enough of the back round around here my problem is I have
> a Comet quick disconnect antenna mount with the "small" coax, I have
> trouble with 6 meters and know that the removable part is the problem
> because of the lack of a good RF ground. I just killed the coax in

The CQ-5M quick disconnect mount can be modified for good local ground. 2 methods come to mind. Pay attention to the junction between the thin coax and the thick. You can either:

Take a metal grommet, and screw the junction to the frame, kind of a "O_^_" looking thing with the joint inside the "O" and the "^" representing a screw head or

take a wire and wrap it half a million times around the junction and ground the wire after insulating it against the elements.

Thus, your mount and antenna is never more than a few short feet away from "ground" on the car.

# 12439. Re: [FT100] SPAM Solution

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 04:05:22 UTC
From: Pres Waterman
Topic: 12408  Message: 12439

> The moderator of this group, in order to to stop the SPAM, needs to go to
> the FT100's yahoo webboard's site.
>
> And needs to have the email address of the SPAMmer, to block the address
> through the member's list.

Not really a great solution... SPAMmers always change their "from" identity
every time.

The moderator COULD approve every person joining, by verifying the callsign
of the prospective member. A pain, but I may have to do it on FT817 and
FT817-commander... what a drag

Pres Waterman
traveling... much delay in catching messages,
sorry if I reply and others have already
and I lost many many emails in a crash also!

# 12440. Re: [FT100] SPAM Solution

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 23:09:59 UTC
From: bruce@perens.com
Topic: 12408  Message: 12440

There's a program called "spamassassin" that correctly flags the list spams when they get here. If the yahoo folks won't put it up, perhaps the list should be moved to a site that will.

Thanks

Bruce

# 12441. Service Manual FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 00:48:23 UTC
From: ka8zny
Topic: 12441  Message: 12441

Is there a service manual download site?

Thanks
Tom

# 12442. Re: [FT100] Re: DK3 Controller looking for help..

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 00:26:43 UTC
From: Albert Furlow
Topic: 12417  Message: 12442

WOW!
I thought it already has been addressed. You are right, using a part form Yeasu, and using 12volt relays, make it happen. I need more detail on that design. This is located in the files, look for it. A Gent by the call K5MOG has it located there.

----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Monday, February 18, 2002 5:48 AM
Subject: [FT100] Re: DK3 Controller looking for help..

--- In FT100@y..., "ka1ffo" <albeham@e...> wrote:
> Hello FT-100/d owners. I have seen a controller circut using a
yeasu
> past s81649, but I still need help in learning details about puting
> it together, and help out there?

Please give us the particulars on what you are looking to do..
It sounds like you want to tune an aftermarket screwdriver using the FT100 "Tune" feature. Sounds good, but the typical screwdriver uses 12v+ to tune one way and 12v- to tune the other way where the Atas uses two positive voltages to do the same task. I guess you can make an interface by beefing up the driver board (20 bucks from Yaesu) and trying that to interface it. Hard to say as it hasnt been addressed here. Regards.. Richy N2ZD

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[Non-text portions of this message have been removed]

# 12443. ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 01:31:02 UTC
From: hanksterrus
Topic: 1314  Message: 12443

Tried it tonite, ran a coax from my qth out the window right to my car and tuned up for 40meters, well I got 59 reports. Just saved myself a few bucks for an antenna.. We don't have trees on the property and really no place to hang a dipole, this is working great.. fantastic antenna...

# 12444. Radio & Vehicle Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 23:42:08 UTC
From: Bill Reid- VE3VWD
Topic: 12444  Message: 12444

If I decide I want to mount my mobile in the trunk of my car
and put the control head on the dash.

1) Should you run a separate ground wire from radio to the battery or
ground the radio at a spot close to the radio ?

2) Would running a ground wire to the battery introduce the possibility of
RF or noise being
introduced into the radio?

3) If you do run a ground wire to the battery should it be fused ?

Thanks in Advance
Bill Reid
VE3VWD

# 12445. Fan mod and grounding mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 22:38:19 UTC
From: kb9tnb@aol.com
Topic: 12445  Message: 12445

What's the link to see how these mods are done? My 100 is still under warranty but having it gone for 8 to 12 weeks is not what I'd like. I was hopping to have the rig for field day.

I just need to know where I could get the parts for the fan. And see where the grounding is done.

[Non-text portions of this message have been removed]

# 12446. Re: [FT100] Re: DK3 Controller looking for help..

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-18 12:44:35 UTC
From: Ham_Tech@juno.com
Topic: 12417  Message: 12446

Hey Guys!!

I am working on that project. So far I am to the point of designing the digital circuit.

Enabling you to tune the FT100 with the tune function.

Daniel
kg4dni

_____
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# 12447. FT 100D japanese version HELP!!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:03:20 UTC
From: kg4mex
Topic: 12447  Message: 12447

I picked up a japanese version of the FT-100d

Problem,?

Won't tx on most of the USA ham bands..

Yaesu has not responded to numerous e-mails

CAN ANYONE HELP WITH A MOD>??>?>?

The USA MODS ALLOW wide HF, but 2 and 440 are not working in the USA bands....

The submenu only shows japan

Chris

# 12448. Re: [FT100] Radio & Vehicle Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:20:52 UTC
From: Albert Furlow
Topic: 12444  Message: 12448

----- Original Message -----
From: Bill Reid- VE3VWD
To: FT100 Yahoo Groups
Sent: Monday, February 18, 2002 5:42 PM
Subject: [FT100] Radio & Vehicle Grounding

If I decide I want to mount my mobile in the trunk of my car
and put the control head on the dash.

1) Should you run a separate ground wire from radio to the battery or
ground the radio at a spot close to the radio ?
Both, the neg side of the power cable to the battery, and a good brad ground close to the radio.

2) Would running a ground wire to the battery introduce the possibility of
RF or noise being
introduced into the radio?

I dont think so, mine dose not.

3) If you do run a ground wire to the battery should it be fused ?

Yes, both side of the power cable, its a must!!

Thanks in Advance
Bill Reid
VE3VWD

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[Non-text portions of this message have been removed]

# 12449. Re: [FT100] FT 100D japanese version HELP!!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:22:02 UTC
From: Albert Furlow
Topic: 12447  Message: 12449

There are hidden menus, look in the files on the ft-100 page of yahoogroups, and you will find it.
----- Original Message -----
From: kg4mex
To: FT100@yahoogroups.com
Sent: Monday, February 18, 2002 8:03 PM
Subject: [FT100] FT 100D japanese version HELP!!!!

I picked up a japanese version of the FT-100d

Problem,?

Won't tx on most of the USA ham bands..

Yaesu has not responded to numerous e-mails

CAN ANYONE HELP WITH A MOD>??>?>?

The USA MODS ALLOW wide HF, but 2 and 440 are not working in the USA bands....

The submenu only shows japan

Chris

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[Non-text portions of this message have been removed]

# 12450. Re: FT 100D japanese version HELP!!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:34:34 UTC
From: kg4mex
Topic: 12447  Message: 12450

Don't work (hidden menus) only allows for japanese selection

Tried that first

Chris

--- In FT100@y..., "Albert Furlow" <albeham@e...> wrote:
> There are hidden menus, look in the files on the ft-100 page of
yahoogroups, and you will find it.
> ----- Original Message -----
> From: kg4mex
> To: FT100@y...
> Sent: Monday, February 18, 2002 8:03 PM
> Subject: [FT100] FT 100D japanese version HELP!!!!
>
>
> I picked up a japanese version of the FT-100d
>
> Problem,?
>
> Won't tx on most of the USA ham bands..
>
> Yaesu has not responded to numerous e-mails
>
>
> CAN ANYONE HELP WITH A MOD>??>?>?
>
> The USA MODS ALLOW wide HF, but 2 and 440 are not working in the
USA
> bands....
>
> The submenu only shows japan
>
> Chris
>
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> [Non-text portions of this message have been removed]

# 12451. Re: [FT100] Service Manual FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:08:24 UTC
From: VE3MPG
Topic: 12441  Message: 12451

You might want to question Lee Devlin about that at www.k0lee.com

Bob

----- Original Message -----
From: "ka8zny" <ka8zny@...>
To: <FT100@yahoogroups.com>
Sent: Monday, February 18, 2002 7:48 PM
Subject: [FT100] Service Manual FT-100

> Is there a service manual download site?
>
> Thanks
> Tom
>

---
MediaLab Plus Outgoing mail is certified Virus Free. DO NOT inform MediaLab Plus of new virii or virus alerts. We are already on top of the situation. Thanks!!
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.324 / Virus Database: 181 - Release Date: 2/14/2002

# 12452. Re: [FT100] Radio & Vehicle Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 03:49:10 UTC
From: byrddawg
Topic: 12444  Message: 12452

Howdy Bill....You might go to the following site for an overview:

http://www.arrl.org/tis/info/HF-Mobile.html

73's, Paul KD5KCZ

Bill Reid- VE3VWD wrote:

> If I decide I want to mount my mobile in the trunk of my car
> and put the control head on the dash.
>
> 1) Should you run a separate ground wire from radio to the battery or
> ground the radio at a spot close to the radio ?
>
> 2) Would running a ground wire to the battery introduce the
> possibility of
> RF or noise being
> introduced into the radio?
>
> 3) If you do run a ground wire to the battery should it be fused ?
>
>
> Thanks in Advance
> Bill Reid
> VE3VWD
>
>
>
>
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[Non-text portions of this message have been removed]

# 12453. ATAS - no match on 40

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 14:47:24 UTC
From: w1pa
Topic: 12453  Message: 12453

My ATAS will hit consistantly on all other bands (including 30, 17, and 12), right down to one segment on the SWR meter, but will not tune on 40m (not even a dip). I tried a longer whip to no avail.

Suggestions? Better grounding of the mount?

Bill
W1PA

# 12454. Re: [FT100] ATAS - no match on 40

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 14:58:57 UTC
From: luiz lissoni
Topic: 12453  Message: 12454

I strongly suggest a procedure like mine: Selling it !!! --- w1pa wrote: My ATAS will hit consistantly on all other bands (including 30, 17,
and 12), right down to one segment on the SWR meter, but will not
tune on 40m (not even a dip). I tried a longer whip to no avail.

Suggestions? Better grounding of the mount?

Bill
W1PA

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# 12455. Re: ATAS - no match on 40

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 17:03:46 UTC
From: w1pa
Topic: 12453  Message: 12455

--- In FT100@y..., luiz lissoni <py2mrd@y...> wrote:
> I strongly suggest a procedure like mine:
>
> Selling it !!!

Naw, I'd rather find a solution. I think the ATAS strikes a good balance between size (especially on a car), automation, XYL-appeal and performance. I'm not looking to work DX on 40, I just need to work some friends in a two or three state area during my commute.

Yeah, it has some quirks... yes, I have a small spring in my SO239 to make sure the center pin makes contact. Yes, I have changed out the controller board at least once. Yes, I can take an ATAS apart and put it back together like a soldier cleaning his firearm. But I'm having a lot of fun with it.

So, any ideas?

b
w1pa

# 12456. Re: [FT100] Re: ATAS - no match on 40

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 17:09:46 UTC
From: David Kiwerski, Orange County Sheriff
Topic: 12453  Message: 12456

Can't emphasize enough the importance of good grounding and bonding of the antenna, radio and body panels. I had to bond the mount to the trunk lid and the lid to the car for it to tune properly on 40.

DaveK wp2aat

w1pa wrote:
> 
> --- In FT100@y..., luiz lissoni <py2mrd@y...> wrote:
> > I strongly suggest a procedure like mine:
> >
> > Selling it !!!
> 
> Naw, I'd rather find a solution. I think the ATAS strikes a good
> balance between size (especially on a car), automation, XYL-appeal
> and performance. I'm not looking to work DX on 40, I just need to
> work some friends in a two or three state area during my commute.
> 
> Yeah, it has some quirks... yes, I have a small spring in my SO239
> to make sure the center pin makes contact. Yes, I have changed out
> the controller board at least once. Yes, I can take an ATAS apart and
> put it back together like a soldier cleaning his firearm. But I'm
> having a lot of fun with it.
> 
> So, any ideas?
> 
> b
> w1pa
> 
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# 12457. F100D and DK3 on one cable?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 21:35:45 UTC
From: w1pa
Topic: 12457  Message: 12457

Can anyone think of a reason why you couldn't let the 100D tune a remote mounted DK3 using the K5MOG circuit...

http://groups.yahoo.com/group/FT100/files/Documentation/FT100_DK3%20Controll%20Circuit/ft100-dk3.JPG

...AND a couple of SGC DC isolators (used to power remote tuners over the coax) and have everything run off the coax only? I think the only restriction would be that you would need a second power supply for the antenna, since you would be flipping from +12 to -12V. If so, can anyone think of a failure mode that would put 24V (the additive effect of both supplies) across the rig (and smoke it)?

Just thinking out loud...

Bill
W1PA

from the SGC website:
DC Coaxial Line Isolator (for all SGC couplers)
$95.00
Catalog #54-70
This device allows up to 25VDC @ 1.5Amp to be supplied more than 150 feet via the RF transmission line to provide DC power to antenna couplers, antenna switches, pre-amplifiers or other DC powered equipment at the antenna end of the line, eliminating need of separate power cables to supply these devices. This compact unit measures 3 X 2 X 1.6 inches. Two isolators required per installation. Broadband Isolators provides better than 80Db isolation between the RF power on the coaxial feedline and DC power being remotely supplied on the same coaxial line.
RF In/Out to DC port isolation:
Better than 80 Db, 1.5 MHz thru 30 MHz
Better than 70 Db, 30 MHz thru 50 MHz
Better than 40 Db thru and exceeding 250MHz
RG-213 coaxial cable recommended for distances over 100 feet. Power supply for remoted equipment, not supplied. Price indicated is for two units as required for each installation.

# 12458. Re: [FT100] Fan mod and grounding mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 22:34:47 UTC
From: Bruce A. Chambers
Topic: 12445  Message: 12458

Try this web site for good picture and instructions. www.mods.dk
Go the Yeasu, then FT100. Did the mod myself and feel good about it.
I bought a few 50 Ohm, 1 watt resistors from a local electronics store.
Bruce

kb9tnb@... wrote:

> What's the link to see how these mods are done? My 100 is still under
>
> warranty but having it gone for 8 to 12 weeks is not what I'd like. I
> was
> hopping to have the rig for field day.
>
> I just need to know where I could get the parts for the fan. And see
> where
> the grounding is done.
>
>
> [Non-text portions of this message have been removed]
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# 12459. Re: ATAS - no match on 40

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 17:48:35 UTC
From: w1pa
Topic: 12453  Message: 12459

--- In FT100@y..., "David Kiwerski, Orange County Sheriff"
<david.kiwerski@o...> wrote:
>
> Can't emphasize enough the importance of good grounding and bonding
of the antenna, radio
> and body panels. I had to bond the mount to the trunk lid and the
lid to the car for it
> to tune properly on 40.
>
> DaveK wp2aat
>

I have a picture of my mount in the Files>Mobile Installation>W1PA
folder.

I use a K550 on the lugage rack of my Subaru modified with a ground
strap to the rack. My rig is under the seat, with a ground strap to
one of the seat bolts.

Bill
W1PA

# 12460. Re: [FT100] Fan mod and grounding mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 22:34:36 UTC
From: Bruce A. Chambers
Topic: 12445  Message: 12460

Try this web site for good picture and instructions. www.mods.dk
Go the Yeasu, then FT100. Did the mod myself and feel good about it.
I bought a few 50 Ohm, 1 watt resistors from a local electronics store.
Bruce

kb9tnb@... wrote:

> What's the link to see how these mods are done? My 100 is still under
>
> warranty but having it gone for 8 to 12 weeks is not what I'd like. I
> was
> hopping to have the rig for field day.
>
> I just need to know where I could get the parts for the fan. And see
> where
> the grounding is done.
>
>
> [Non-text portions of this message have been removed]
>
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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[Non-text portions of this message have been removed]

# 12461. FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 23:58:08 UTC
From: w1pa
Topic: 12461  Message: 12461

Just got home from my afternoon commute... tried to work a JH1 on 10m, and the PW0T pile-up on 15.

On a few of my 10m calls, and one or two from 15, the rig would not return from transmit. As I disegage the mic switch, no red transmit LED, no power indication, but no audio. A few quick clicks of the mic, and it's back.

Do I have a sticky relay, or is this the dreaded SWR/Oscillation issue?

This is a 1F series 100D with the SWR mod.

Bill
W1PA

# 12462. Re: [FT100] FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 00:21:37 UTC
From: byrddawg
Topic: 12461  Message: 12462

Hey Bill.....Had the same thing happen to me after Yaesu "fixed" my 100.
I took the mic apart and used a sparing amount of high grade gun grease
(it has teflon & graphite in it) and applied to the PTT switch anywhere
it might encounter friction. Worked for me.....Paul, KD5KCZ

w1pa wrote:

> Just got home from my afternoon commute... tried to work a JH1 on
> 10m, and the PW0T pile-up on 15.
>
> On a few of my 10m calls, and one or two from 15, the rig would not
> return from transmit. As I disegage the mic switch, no red transmit
> LED, no power indication, but no audio. A few quick clicks of the
> mic, and it's back.
>
> Do I have a sticky relay, or is this the dreaded SWR/Oscillation
> issue?
>
> This is a 1F series 100D with the SWR mod.
>
> Bill
> W1PA
>
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12463. Re: [FT100] FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 01:00:36 UTC
From: Robert Gauss
Topic: 12461  Message: 12463

Does the green led come on? I've been fooled a few times switching from FM back to SSB and the squelch circuit is right at threshold and sometimes opens on band noise, sometimes not. Be sure squelch is fully open on SSB.

When squelched the rx/tx led is off, when open the rx/tx led is green on receive, red on transmit.

Bob

--- byrddawg <byrddawg@...> wrote:
> Hey Bill.....Had the same thing happen to me after Yaesu "fixed" my 100.
> I took the mic apart and used a sparing amount of high grade gun grease
> (it has teflon & graphite in it) and applied to the PTT switch anywhere
> it might encounter friction. Worked for me.....Paul, KD5KCZ
>
> w1pa wrote:
>
> > Just got home from my afternoon commute... tried to work a JH1 on
> > 10m, and the PW0T pile-up on 15.
> >
> > On a few of my 10m calls, and one or two from 15, the rig would not
> > return from transmit. As I disegage the mic switch, no red transmit
> > LED, no power indication, but no audio. A few quick clicks of the
> > mic, and it's back.
> >
> > Do I have a sticky relay, or is this the dreaded SWR/Oscillation
> > issue?
> >
> > This is a 1F series 100D with the SWR mod.
> >
> > Bill
> > W1PA
> >
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> >
> > Post message: FT100@yahoogroups.com
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> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.

> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>

---

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# 12464. ATAS Antenna mount problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 17:58:08 UTC
From: K.C. Ross
Topic: 12464  Message: 12464

I use a CQ-5M with my ATAS-100 and initially had a difficult time getting
a good
ground. Took care of it by making a small grounding strap made from the
shield
of some RG-58. one side went to frame while the other side goes between
the
mounting plate and the antenna mount. Takes me 30 seconds to lay the wire
on the
plate and lock down the mount. I've been doing it this way for 2+ years
on 2 different
cars without a tuning problem.

K.C. - KG9JP
---
---

> Date: Sun, 17 Feb 2002 20:43:23 -0500
> From: "Pres Waterman" <presw@...>
> Subject: Re: ATAS Antenna Mount Problem
>
> >
> > Enough of the back round around here my problem is I
have
a Comet quick disconnect antenna mount with the "small" coax, I have
trouble with 6 meters and know that the removable part is the problem
because of the lack of a good RF ground. I just killed the coax in
>
The CQ-5M quick disconnect mount can be modified for good local ground. 2
methods come to mind. Pay attention to the junction between the thin coax
and the thick. You can either:
>
Take a metal grommet, and screw the junction to the frame, kind of a
"O_^_"
looking thing with the joint inside the "O" and the "^" representing a
screw head or
take a wire and wrap it half a million times around the junction and
ground
> the wire after insulating it against the elements.
>
> Thus, your mount and antenna is never more than a few short feet
> away from "ground" on the car.

---
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# 12465. Re: [FT100] SPAM Solution

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-19 02:16:04 UTC
From: Pres Waterman
Topic: 12408  Message: 12465

> There's a program called "spamassassin" that correctly flags the list
spams
> when they get here. If the yahoo folks won't put it up, perhaps the list
> should be moved to a site that will.

As a matter of fact, "spamassasin" just bounced a genuine FT100 post
recently ( I think.. it squashed something and then proudly reported it had
done something to something... ) based on rules such as "header too long"
and too many recipients... bottom line is it had not done it properly.

Pres Waterman
traveling... much delay in catching messages,
sorry if I reply and others have already
and I lost many many emails in a crash also!

# 12466. Re: FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 04:05:54 UTC
From: w1pa
Topic: 12461  Message: 12466

--- In FT100@y..., Robert Gauss <n8zb@y...> wrote:
> Does the green led come on? I've been fooled a few times switching from FM
> back to SSB and the squelch circuit is right at threshold and sometimes opens
> on band noise, sometimes not. Be sure squelch is fully open on SSB.
>
> When squelched the rx/tx led is off, when open the rx/tx led is green on
> receive, red on transmit.
>
> Bob
>

Bob,

Ahhhhh-haaaa!....very good idea, since I use the rig for both my VHF/UHF and HF mobile. I completely forgot about that. Since I was working the PW0T on split, he was the only signal and just above the noise so there wouldn't have been much to break the squelch if I had it up a bit (left over from 2m FM), unlike the din 10Kc up.

The green light definately did not come on. I'll check the squelch setting on my commute in tomorrow, and if not that, check the mic. This is one time I am hoping it is just dumb operator error.

Thanks all.

Bill
W1PA

# 12467. Re: FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 13:41:05 UTC
From: w1pa
Topic: 12461  Message: 12467

Confirmed: I'm a moron. I had the squelch up. Twenty-five years in the hobby, and I have never had to worry about the squelch knob on HF (either it didn't have one, or I never used it).

On a lighter note, got frustrated with the PW0T pile-up on 10m this morning, and went to 12. UK9AA and 9K2OD in the log, mobile.

Bill
W1PA

# 12469. Re: [FT100] FT 100D japanese version HELP!!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 03:46:27 UTC
From: Pres Waterman
Topic: 12447  Message: 12469

> I picked up a japanese version of the FT-100d
>
> Problem,?
>
> Won't tx on most of the USA ham bands..

It is a lesser-known fact that Japanese domestic radios are hopelessly locked to prevent TX except in the 144-146 and 430-440MHz bands, which ARE US ham bands, just not the most popular halves. Been this way for lo, 6 or more years? They are called "J-Mark". But I betcha that dawg'll get cellular just fine!

US models are far more forgiving on TX out of band mods, but you can't receive cellular.

In Japan, the radio hackers caused problems TXing where they shouldn't, in the US they eavesdropped on politicians. Priorities.

Pres Waterman
traveling... much delay in catching messages,
sorry if I reply and others have already
and I lost many many emails in a crash also!

# 12470. Re: [FT100] FT 100D japanese version HELP!!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 04:09:08 UTC
From: Pres Waterman
Topic: 12447  Message: 12470

> There are hidden menus, look in the files on the ft-100 page of yahoogroups, and you will find it.

Won't help.

Pres Waterman
traveling... much delay in catching messages,
sorry if I reply and others have already
and I lost many many emails in a crash also!

# 12471. Re:Unsubscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 17:11:46 UTC
From: LSidebotto@aol.com
Topic: 2463  Message: 12471

Please remove me from getting all the email as I don't have time to read it.
I love the group but the email is overpowering.
Tnx Robert Sidebottom K0LQB

[Non-text portions of this message have been removed]

# 12472. Re: [FT100] ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 06:36:12 UTC
From: John Spiceman
Topic: 1314  Message: 12472

Try running out a couple of wires cut for 40 mtrs out
from the base (from the point of attachment to the
car) as ground planes. Might be a little harder to
load but the signal should be better.

John - WB0RLD

--- hanksterrus <hanksterr@...> wrote:
> Tried it tonite, ran a coax from my qth out the
> window right to my
> car and tuned up for 40meters, well I got 59
> reports. Just saved
> myself a few bucks for an antenna.. We don't have
> trees on the
> property and really no place to hang a dipole, this
> is working
> great.. fantastic antenna...
>
>

_____
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# 12473. Re: [FT100] Re: FT100D no audio after transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 15:49:26 UTC
From: Mike May
Topic: 12461  Message: 12473

Bill,

You can go into the F menus and adjust the SSB squelch so that it is always open in relation to the FM setting, that way you do not have to keep adjusting it when changing from FM to SSB. I don't remember which F menu item it is but when you see the SSB squelch setting just adjust it for a higher number while receiving in SSB with the squelch at is optimum FM setting, alter the adjustment until you hear the SSB background noise and then adjust it about 7 to 8 higher. As I remember mine is close to 30.

Mike
WB8VLC/7

w1pa wrote:

> Confirmed: I'm a moron. I had the squelch up. Twenty-five years in
> the hobby, and I have never had to worry about the squelch knob on HF
> (either it didn't have one, or I never used it).
>
> On a lighter note, got frustrated with the PW0T pile-up on 10m this
> morning, and went to 12. UK9AA and 9K2OD in the log, mobile.
>
> Bill
> W1PA
>
>
>
>
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> Subscribe: FT100-subscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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[Non-text portions of this message have been removed]

# 12474. Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-20 20:09:17 UTC
From: ki5mp
Topic: 12474  Message: 12474

Hello all.

I have two questions regarding the fans on the FT100D:

1. Is there a readily available replacement for the FT100D fans? They look like common computer CPU fans. One of my fans sounds like it is about to 'bite the dust' and I'm not sending it back to Yaesu for a simple replacement. If one is not available locally, has anyone ever ordered one from Yaesu? Price?

2. My FT100D is a 1H... serial number rig purchased just before Christmas and has the factory installed SWR modification, but no thermal sensor for the fans. In addition to HF, I work quite a bit of VHF, so I did the "resistor to ground" mod for one of the fans. Well, only the fan whose black wire I chose to cut (the one closest to the bulkhead) comes on at low speed when you power the rig up. This makes sense, but I guess I had assumed from all the postings that BOTH fans would run at continuous low speed after the mod. Is this normal behavior? I guess one fan running continuously is better than none at all, huh? I could always do the same mod for the other black wire...

Thanks,
Mike, KI5MP

# 12475. Re: [FT100] Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 01:20:27 UTC
From: Lee Devlin
Topic: 12474  Message: 12475

--- ki5mp <ki5mp@...> wrote:
> Hello all.
>
> I have two questions regarding the fans on the
> FT100D:
>
> 1. Is there a readily available replacement for the
> FT100D fans?
> They look like common computer CPU fans. One of my
> fans sounds like
> it is about to 'bite the dust' and I'm not sending
> it back to Yaesu
> for a simple replacement. If one is not available
> locally, has
> anyone ever ordered one from Yaesu? Price?

I believe the fans are just garden variety 12V fans
that are available in standard sizes. You could
probably substitute anything that would fit. Cooling
fans are available in 20mm increments, i.e., 40, 60,
and 80mm sizes. The 80 mm fan is the familiar size
you find in computer power supplies. I haven't
measured the FT100 fans, but my guess is that they are
standard 40mm (square) fans.

> 2. My FT100D is a 1H... serial number rig purchased
> just before
> Christmas and has the factory installed SWR
> modification, but no
> thermal sensor for the fans. In addition to HF, I
> work quite a bit
> of VHF, so I did the "resistor to ground" mod for
> one of the fans.
> Well, only the fan whose black wire I chose to cut
> (the one closest
> to the bulkhead) comes on at low speed when you
> power the rig up.
> This makes sense, but I guess I had assumed from all
> the postings
> that BOTH fans would run at continuous low speed
> after the mod. Is
> this normal behavior? I guess one fan running
> continuously is better
> than none at all, huh? I could always do the same
> mod for the other

> black wire...

Unless Yaesu has changed the layout of the PA board,
the fans are connected in parallel. You might want to
check it out and see if this is still true.

In my own experience in trying to quiet fans, the
*only* thing you can do to quite a fan is to make it
run slower. Of course, this means less air to cool
the things that get hot, so you have to be careful in
how you apply this technique. In an optimized
situation, fans will spin fastest when the heat
generation is highest and slower when heat generation
is lower. That's the way the FT100 is intended to
work. Transmit generates at least 10 times more heat
than receive so you can reduce the fan speed
accordingly to achieve a safe temperature rise inside
the case during receive.

Yaesu evidently believes that on V/U recieve, the fans
can remain off and the temperature rise inside the
case will not be a problem. My guess (and I have no
insider knowledge on this) is that they opted to
thermostat the fans on HF to minimize drift, which
generally isn't as important on V/U recieve.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://sports.yahoo.com

# 12476. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 01:33:35 UTC
From: ki5mp
Topic: 12474  Message: 12476

Thanks for the response, Lee. I'll try to find a replacement locally and take a closer look at the schematic. I've had no problems whatsover with the rig at this point - just trying to prolong any future agony... :-)

Thanks again,
Mike KI5MP

# 12477. Re: [FT100] Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 04:25:14 UTC
From: Grant Mitchell
Topic: 12474  Message: 12477

ki5mp wrote:
>
>
> Well, only the fan whose black wire I chose to cut (the one closest
> to the bulkhead) comes on at low speed when you power the rig up.
>
Mike,

This might be your problem...you should not cut any wires....only add
the resistor IN PARALLEL to either black fan lead.

73, Grant
N4GM

# 12478. 9k6 Packet

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 07:45:52 UTC
From: kurt_hechler
Topic: 12478  Message: 12478

Hi,

is anybody using 9k6 Packet with AGWPE Soundcard packet. I have
prroblems with tx.

vy 73
Kurt, DL9FBF

# 12479. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 01:04:24 UTC
From: hfolgering
Topic: 12474  Message: 12479

You are not supposed to cut the black wire,just jumper between
the black wire and ground with a 50 Ohm resistor.

73,Herman,VE5HFD

--- In FT100@y..., "ki5mp" <ki5mp@b...> wrote:
> Hello all.
>
> I have two questions regarding the fans on the FT100D:
>
> 1. Is there a readily available replacement for the FT100D fans?
> They look like common computer CPU fans. One of my fans sounds like
> it is about to 'bite the dust' and I'm not sending it back to Yaesu
> for a simple replacement. If one is not available locally, has
> anyone ever ordered one from Yaesu? Price?
>
> 2. My FT100D is a 1H... serial number rig purchased just before
> Christmas and has the factory installed SWR modification, but no
> thermal sensor for the fans. In addition to HF, I work quite a bit
> of VHF, so I did the "resistor to ground" mod for one of the fans.
> Well, only the fan whose black wire I chose to cut (the one closest
> to the bulkhead) comes on at low speed when you power the rig up.
> This makes sense, but I guess I had assumed from all the postings
> that BOTH fans would run at continuous low speed after the mod. Is
> this normal behavior? I guess one fan running continuously is
better
> than none at all, huh? I could always do the same mod for the other
> black wire...
>
> Thanks,
> Mike, KI5MP

# 12480. ft100unsubscribe@yahoogroups.com

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 11:57:09 UTC
From: ploret1648@aol.com
Topic: 12480  Message: 12480

[Body unavailable in the source archive]

# 12481. ft100-unsubscribe@yahoogroups.com

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 11:58:31 UTC
From: ploret1648@aol.com
Topic: 12481  Message: 12481

[Body unavailable in the source archive]

# 12482. RE: [FT100] Re:Unsubscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 12:07:02 UTC
From: Eric van de Weyer
Topic: 2463  Message: 12482

Why don't you do what I do, set up your email program to automatically put the emails in, say, a FT100 folder and then go and look at it when you have the time. You can normally do this by setting up a rule for the program to follow.

73....Eric VK2KUR
-----Original Message-----
From: LSidebotto@... [mailto:LSidebotto@...]
Sent: Thursday, 21 February 2002 4:12 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re:Unsubscribe

Please remove me from getting all the email as I don't have time to read it.
I love the group but the email is overpowering.
Tnx Robert Sidebottom K0LQB

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 12483. RE: [FT100] Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 12:18:09 UTC
From: Eric van de Weyer
Topic: 12474  Message: 12483

Hi Mike,

the idea is not to cut any wires but just put the resistor from one of the black fan wires to ground. I acrually did a bit of tracing on the board and found a place where I could just solder the resistor between a ground trask and a track feeding the negatrive fan leads.

The two fans are connected in parallel with 12V supplied permanently to the positive leads and the switching done in the negative leads.

The problem with what you appear to have done is that now only one fan will run at full speed when you transmit with the other only running at low speed as set by the resistor. This will probably not give sufficient cooling when you are transmitting.

I suggest that you re-connect the fan wire you removed and then install the resistor and both fans will then run.

What you could possibly do is to take out one of the fans, preferrably the one which is noisy, and take it with you as you go in search of a replacement. You are probably correct that a CPU fan may be a suitable replacement. Otherwise, you should be able, I would think, to get one as a spare from Yaesu/Vertex.

73....Eric VK2KUR.
-----Original Message-----
From: ki5mp [mailto:ki5mp@...]
Sent: Thursday, 21 February 2002 7:09 AM
To: FT100@yahoogroups.com
Subject: [FT100] Question about FT100D Fans

Hello all.

I have two questions regarding the fans on the FT100D:

1. Is there a readily available replacement for the FT100D fans? They look like common computer CPU fans. One of my fans sounds like it is about to 'bite the dust' and I'm not sending it back to Yaesu for a simple replacement. If one is not available locally, has anyone ever ordered one from Yaesu? Price?

2. My FT100D is a 1H... serial number rig purchased just before Christmas and has the factory installed SWR modification, but no thermal sensor for the fans. In addition to HF, I work quite a bit of VHF, so I did the "resistor to ground" mod for one of the fans. Well, only the fan whose black wire I chose to cut (the one closest to the bulkhead) comes on at low speed when you power the rig up.

This makes sense, but I guess I had assumed from all the postings that BOTH fans would run at continuous low speed after the mod. Is this normal behavior? I guess one fan running continuously is better than none at all, huh? I could always do the same mod for the other black wire...

Thanks,
Mike, KI5MP

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[Non-text portions of this message have been removed]

# 12484. FT-100D receive on fm

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 12:53:30 UTC
From: donkn5i
Topic: 12484  Message: 12484

My FT-100D purchased Jan 14,2002 Has quit receiving intermitingly on 2met and 440 One time it works and the next time it dosen't. I receive only white noise as if the squelch is off. There is no audio, even when I transmitted with a hand held 2 meter next to the radio. One time I was listening when it wasn't working and the white noise suddenly got a little louder. Then I heard the repeter key up and it was working again. It worked all day yesterday. Doe's anyone know what caused this? donkn5i@...

# 12485. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 14:35:59 UTC
From: ki5mp
Topic: 12474  Message: 12485

Well...DUH..... that must be my problem...! I guess I misread the modification and CUT one of the wires instead of just adding it in parallel.

I'll redo the mod this weekend.

Thanks for everyone's input. If I find a suitable replacement for the noisy fan locally, I'll post the details.

Thanks again!

Mike KI5MP

# 12486. Cost for repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 15:28:07 UTC
From: k5unm
Topic: 12486  Message: 12486

For what it is worth......

Finally got the FT100 back from Cerritos (12-3-2001 till 2-13-2002,
does not include transit time)
Repair items:
1 each G3090124 SRF7043 transistor 200.55
1 each K33279021 22pf capacitor 1.47
1 each K33279038 39pf capacitor 1.47
1 each K33279020 12pf capacitor 1.92
1 each A08980017 WSH6 n/c
90 minutes tech time 105.00
Tax 13.36
Shipping 10.52
They (YAESU) had a declared insurance value of 1689.00 for UPS,
guess that would cover a FT100D with all filters and options?

It does have all the mods installed including the thermal switch, I
did also add the 51 ohm resistor across the switch terminals to
provide low speed fan operation.

# 12487. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 17:05:30 UTC
From: backhoefade
Topic: 12474  Message: 12487

I researched the fans extensively and found the best "fit" in terms of DC current requirement, CFM rating and noise rating. I found a fan that had a greater CFM rating but a much lower noise rating. The current requirement was equal or less than the original fan. Don't recall but I know the current rating was not greater than the original fan. My whole motivation for doing the change was to try to reduce the noise. What I found was that the fan noise is not due to the cavitation noise nor the general operational/mechanical noise of the fan itself. Rather the noise is primarily due to the air movement through the rig. If there was less restriction in the rig it would quiet down considerably. I think it is slightly quieter now with the new fans but not much.

Anyway, I can give you the make and model number of the perfectly compatible fans. I'm at work but I'll get the number tonight. One thing though, you will have to splice on the old connector from the existing fan. You can buy the fans from Jameco Electronics. Check out their website. Don't put in any arbitrary fan. It must be matched in terms of current drain and CFM rating.

I have some "deeper" fans that will stick out the back about a half inch that I haven't tried yet. Maybe they'll be a bit quieter but I doubt it.

N6AF Chas

--- In FT100@y..., "ki5mp" <ki5mp@b...> wrote:
> Hello all.
>
> I have two questions regarding the fans on the FT100D:
>
> 1. Is there a readily available replacement for the FT100D fans?
> They look like common computer CPU fans. One of my fans sounds
like
> it is about to 'bite the dust' and I'm not sending it back to Yaesu
> for a simple replacement. If one is not available locally, has
> anyone ever ordered one from Yaesu? Price?
>
> 2. My FT100D is a 1H... serial number rig purchased just before
> Christmas and has the factory installed SWR modification, but no
> thermal sensor for the fans. In addition to HF, I work quite a bit
> of VHF, so I did the "resistor to ground" mod for one of the fans.
> Well, only the fan whose black wire I chose to cut (the one closest
> to the bulkhead) comes on at low speed when you power the rig up.
> This makes sense, but I guess I had assumed from all the postings
> that BOTH fans would run at continuous low speed after the mod. Is

> this normal behavior? I guess one fan running continuously is
better
> than none at all, huh? I could always do the same mod for the
other
> black wire...
>
> Thanks,
> Mike, KI5MP

# 12488. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 17:13:48 UTC
From: ki5mp
Topic: 12474  Message: 12488

That info from Jameco would be very much appreciated, Chas. As mentioned, one of my fans sounds like it is about to quit on me. When I first power up the rig, it buzzes and whines and turns at an inconsistent speed until finally it "warms up" and sounds normal again. I've had a couple of computer CPU fans do that exact thing before they finally died...

Thanks,
Mike KI5MP

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I researched the fans extensively and found the best "fit" in terms
> of DC current requirement, CFM rating and noise rating. I found a
> fan that had a greater CFM rating but a much lower noise rating.
The
> current requirement was equal or less than the original fan. Don't
> recall but I know the current rating was not greater than the
> original fan. My whole motivation for doing the change was to try
to
> reduce the noise. What I found was that the fan noise is not due
to
> the cavitation noise nor the general operational/mechanical noise
of
> the fan itself. Rather the noise is primarily due to the air
> movement through the rig. If there was less restriction in the rig
> it would quiet down considerably. I think it is slightly quieter
now
> with the new fans but not much.
>
> Anyway, I can give you the make and model number of the perfectly
> compatible fans. I'm at work but I'll get the number tonight. One
> thing though, you will have to splice on the old connector from the
> existing fan. You can buy the fans from Jameco Electronics. Check
> out their website. Don't put in any arbitrary fan. It must be
> matched in terms of current drain and CFM rating.
>
> I have some "deeper" fans that will stick out the back about a half
> inch that I haven't tried yet. Maybe they'll be a bit quieter but
I
> doubt it.
>
> N6AF Chas
>
>
> --- In FT100@y..., "ki5mp" <ki5mp@b...> wrote:

> > They look like common computer CPU fans. One of my fans sounds
> >like it is about to 'bite the dust' and I'm not sending it back to
> >Yaesu for a simple replacement.

# 12489. RE: [FT100] Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 17:23:51 UTC
From: Cliff Bryant
Topic: 12474  Message: 12489

Just rejoined the group after a prolonged absence of 3 years.
My FT100 (early model) is now out of warranty and had to be
returned on a number of occasions for repair. Recently my
VHF/UHF output dropped to QRP. I'm guessing that this is due to the heat
issues.
When it is repaired I shall add the fan control modifications and
check/add the earth bonding modifications for SWR stability. I'd just
like to hear comments from anybody who has suffered
a VHF/UHF failure. For instance was the problem that the SRF7043 had
blown up?
Looking at a previous post I see a new device was 200 USD. Ouch! In the
UK it may be even more I guess.
Has anybody mended the radio themselves after suffering this problem?

73 de Cliff, G4PZK

[Non-text portions of this message have been removed]

# 12490. Tokin OHD1-35M?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 20:55:10 UTC
From: kb9tnb@aol.com
Topic: 12490  Message: 12490

Does anyone know somewere else than Yaesu to get this part? I've been doing a web search for this most part of a day and no one has this.

Can it be found at any parts supplyer?

[Non-text portions of this message have been removed]

# 12491. Re: [FT100] Tokin OHD1-35M?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 21:54:13 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12490  Message: 12491

The most recent word on this list is that they are not imported into the USA, it would take a $1000 order through a parts broker to get some. I've not looked really hard but I've not found an mechanical thermostats as small in US makers or with as low a temperature.

I've suggested a transistor circuit with a positive temperature coefficient thermistor once before.

Last night I was reading through a new MAXIM mailer on temperature sensors and they featured a couple pages of FAN CONTROLLERs in very tiny packages, good for a quarter amp fan up to 12 or 24 volts (depending on the model). I looked in the Digi-Key web catalog for the chips but found nothing this morning. Unfortunately they are factory set to a trip value, so there's many varieties and they may be as hard to acquire as the Tokin thermostat. Look for: MAX6665ASA40 (that last 40 is temperature in degrees C). MAXIM is very good about offering engineering samples.

73, Jerry, K0CQ
--
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# 12492. Re: [FT100] Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 22:59:02 UTC
From: Bruce A. Chambers
Topic: 12474  Message: 12492

Go online and contact Yeasu Vertex, order part number M2090035 with delivery after April 20, 02. Cost undetermined at this time. Old part was about $12.00. Bruce Kb4ifs

Lee Devlin wrote:

>
> --- ki5mp <ki5mp@...> wrote:
> > Hello all.
> >
> > I have two questions regarding the fans on the
> > FT100D:
> >
> > 1. Is there a readily available replacement for the
> > FT100D fans?
> > They look like common computer CPU fans. One of my
> > fans sounds like
> > it is about to 'bite the dust' and I'm not sending
> > it back to Yaesu
> > for a simple replacement. If one is not available
> > locally, has
> > anyone ever ordered one from Yaesu? Price?
>
> I believe the fans are just garden variety 12V fans
> that are available in standard sizes. You could
> probably substitute anything that would fit. Cooling
> fans are available in 20mm increments, i.e., 40, 60,
> and 80mm sizes. The 80 mm fan is the familiar size
> you find in computer power supplies. I haven't
> measured the FT100 fans, but my guess is that they are
> standard 40mm (square) fans.
>
> > 2. My FT100D is a 1H... serial number rig purchased
> > just before
> > Christmas and has the factory installed SWR
> > modification, but no
> > thermal sensor for the fans. In addition to HF, I
> > work quite a bit
> > of VHF, so I did the "resistor to ground" mod for
> > one of the fans.
> > Well, only the fan whose black wire I chose to cut
> > (the one closest
> > to the bulkhead) comes on at low speed when you
> > power the rig up.
> > This makes sense, but I guess I had assumed from all

> > the postings
> > that BOTH fans would run at continuous low speed
> > after the mod. Is
> > this normal behavior? I guess one fan running
> > continuously is better
> > than none at all, huh? I could always do the same
> > mod for the other
> > black wire...
>
> Unless Yaesu has changed the layout of the PA board,
> the fans are connected in parallel. You might want to
> check it out and see if this is still true.
>
> In my own experience in trying to quiet fans, the
> *only* thing you can do to quite a fan is to make it
> run slower. Of course, this means less air to cool
> the things that get hot, so you have to be careful in
> how you apply this technique. In an optimized
> situation, fans will spin fastest when the heat
> generation is highest and slower when heat generation
> is lower. That's the way the FT100 is intended to
> work. Transmit generates at least 10 times more heat
> than receive so you can reduce the fan speed
> accordingly to achieve a safe temperature rise inside
> the case during receive.
>
> Yaesu evidently believes that on V/U recieve, the fans
> can remain off and the temperature rise inside the
> case will not be a problem. My guess (and I have no
> insider knowledge on this) is that they opted to
> thermostat the fans on HF to minimize drift, which
> generally isn't as important on V/U recieve.
>
>
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
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[Non-text portions of this message have been removed]

# 12493. Re: Tokin OHD1-35M?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 23:52:36 UTC
From: w1pa
Topic: 12490  Message: 12493

I called a couple of their distributors a while back and found that they are considered a semi-custom part, so finding some in a bin somewhere is nearly impossible, unless it is a surplus or a cancelled order, etc. Yaesu is your best bet.

I've been sitting here listening to the fan in my IBM laptop cycle on and off for the better part of the afternoon. There must be some alternatives out there (including the Maxim part).

Bill
W1PA

# 12494. Re: YAESU'S TURN-TIME ON WARRANTY WORK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-21 16:46:33 UTC
From: f_whittier
Topic: 12410  Message: 12494

Hi,, sent mine out on Jan 14th 3 day and got it back Feb 12th.
Francis
WB1CXX
==========

--- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> --- In FT100@y..., "bed143" <bed143@y...> wrote:
> > Well, I sent my FT-100D to Cerritos yesterday to have all the mods
> > done. I spoke to them earlier this week and was told I can expect
> to
> > have it back in 5 weeks. Anyone experienced their latest
> performance
> > standards on turn-around time lately??? Is 5 weeks realistic?
> Thanks
> > and 73's
> >
> > Dennis (WD5FOX)
> Non warranty repair 12 weeks (Dec3,2001 to approx Feb 20, 2002)
> replace V/U finals.

# 12495. How does the 100D do on FM broadcast bands???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 01:52:22 UTC
From: recurve95
Topic: 12495  Message: 12495

REALITY....
I am considering getting the 100D in order to satisify my long desire for a decent SWL rig in the car. Anybody doing any SWL'ing? For those of you using it, how does the 100D do reception wise and audio wise on the FM broadcast bands (88-108)? Strange questions I know, but I enjoy listenting to other stuff just as much, if not more, than talking "ham stuff".

DREAMING....
I have always thought that the best mobile rig would be a radio like the 100D with its capabilities, but in a size that would "drop right in" to the factory space for the AM/FM stereo. The 1.5 DIN size stereo in my Silverado is HUGE compared to the size of the 100D. I know it can be done. I dont know how many hams drive GM or Chrysler products, but at hamfests around here, the percentage is pretty good. I bet Yaesu could sell a bunch of radios designed this way.

EVEN MORE DREAMING....
Yaesu, Icom, Kenwood LISTEN UP.
Design a wide band, general coverage HF/VHF/UHF transmitter (like the 100D)
that that does all the ham stuff AND has good FM reception in STEREO, so I can rip the AM/FM stereo out of my truck, car or whatever I am driving, and put the 100D in its place. Have enough audio out to drive the door speakers already installed in the vehicle. The seperation kit is great, but make a blanking plate so I can remove the stereo, and put a 100D faceplate in there. It shure would make the installation look professional and not end up with radios everywhere. I am seriously considering doing just this in my truck if the 100D has even average FM reception and audio quality. Dont think I havent been looking for a good canidate for a blanking plate that would look good.

Sorry for the dreaming...just got wound up with the possibilities I see!!!
Dave
N5XL

# 12496. Re: [FT100] How does the 100D do on FM broadcast bands???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 03:00:01 UTC
From: Scott Kamm
Topic: 12495  Message: 12496

It works great Rxing there,you have to make sure that you're useing FM wide.If you play with the DSP a little bit you can use it for Bass and treble controls.

recurve95 wrote:

> REALITY....
> I am considering getting the 100D in order to satisify my long desire
> for a decent SWL rig in the car. Anybody doing any SWL'ing? For
> those of you using it, how does the 100D do reception wise and audio
> wise on the FM broadcast bands (88-108)? Strange questions I know,
> but I enjoy listenting to other stuff just as much, if not more, than
> talking "ham stuff".
>
> DREAMING....
> I have always thought that the best mobile rig would be a radio like
> the 100D with its capabilities, but in a size that would "drop right
> in" to the factory space for the AM/FM stereo. The 1.5 DIN size
> stereo in my Silverado is HUGE compared to the size of the 100D. I
> know it can be done. I dont know how many hams drive GM or Chrysler
> products, but at hamfests around here, the percentage is pretty
> good. I bet Yaesu could sell a bunch of radios designed this way.
>
> EVEN MORE DREAMING....
> Yaesu, Icom, Kenwood LISTEN UP.
> Design a wide band, general coverage HF/VHF/UHF transmitter (like the
> 100D)
> that that does all the ham stuff AND has good FM reception in STEREO,
> so I can rip the AM/FM stereo out of my truck, car or whatever I am
> driving, and put the 100D in its place. Have enough audio out to
> drive the door speakers already installed in the vehicle. The
> seperation kit is great, but make a blanking plate so I can remove
> the stereo, and put a 100D faceplate in there. It shure would make
> the installation look professional and not end up with radios
> everywhere. I am seriously considering doing just this in my truck
> if the 100D has even average FM reception and audio quality. Dont
> think I havent been looking for a good canidate for a blanking plate
> that would look good.
>
> Sorry for the dreaming...just got wound up with the possibilities I
> see!!!
> Dave
> N5XL
>
>

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# 12497. Re: [FT100] How does the 100D do on FM broadcast bands???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 04:02:06 UTC
From: n4aiw@aol.com
Topic: 12495  Message: 12497

Run it up they and don't forget to put it in FM wide by the way its mono.

# 12498. RE: [FT100] FT-100D receive on fm

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 11:02:41 UTC
From: Eric van de Weyer
Topic: 12484  Message: 12498

Sounds like you may have a loose connection inside. Just open it up and carefully re-seat all connectors and seer if that fixes it.

73....Eric VK2KUR.
-----Original Message-----
From: donkn5i [mailto:donkn5i@...]
Sent: Thursday, 21 February 2002 11:54 PM
To: FT100@yahoogroups.com
Subject: [FT100] FT-100D receive on fm

My FT-100D purchased Jan 14,2002 Has quit receiving intermitingly on 2met and 440 One time it works and the next time it dosen't. I receive only white noise as if the squelch is off. There is no audio, even when I transmitted with a hand held 2 meter next to the radio. One time I was listening when it wasn't working and the white noise suddenly got a little louder. Then I heard the repeter key up and it was working again. It worked all day yesterday. Doe's anyone know what caused this? donkn5i@...

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[Non-text portions of this message have been removed]

# 12499. FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 11:25:37 UTC
From: chajun_uk
Topic: 3380  Message: 12499

Hello all.

I bought a new FT100D last Saturday 16/02/02 in the UK. it was returned to the store and replaced on Wednesday.It suffered from a VERY noisey fan and on 70cms it was off frequency.The new one is better. Anyone else having these problems. hats mr Yaesu up to?

also is it possible to down load the ADMS software for the Yaesu VR500 anywhere

Regards to all

Chas (G4WIE)

# 12500. Re: [FT100] Re: Tokin OHD1-35M?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 16:48:37 UTC
From: David Kiwerski, Senior Communications Te
Topic: 12490  Message: 12500

Yup, I've got a new Dell Latitude C810 laptop that the fan cycles on/of
with great regularity. I just ignore it, but I still hear it.

w1pa wrote:
>
> I called a couple of their distributors a while back and found that
> they are considered a semi-custom part, so finding some in a bin
> somewhere is nearly impossible, unless it is a surplus or a cancelled
> order, etc. Yaesu is your best bet.
>
> I've been sitting here listening to the fan in my IBM laptop cycle on
> and off for the better part of the afternoon. There must be some
> alternatives out there (including the Maxim part).
>
> Bill
> W1PA
>
>
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# 12501. My FT100 failure?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 19:04:18 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12501

Hello all,

I just discovered the malfuction of my FT-100 after several hours stand-by on HF.
After a while the s-meter indication (observed on the commercial broadcast band) would drop from S9 - S nothing.
I then turned the rig off, waited about 3 seconds and turned it on again and there was the S-meter indication, but after say 10 seconds it dropped down to nothing again.
So I decided to put the rig on a 12 V. accu. And then the problem was no longer there.
I was using a SEC 1223 from Semlex as my power supply. The output voltage was 13.8 V.
What I did is put the output voltage from the SEMLEX down to 12.6 V by turning VR2 (could not get it lower).
And now the problem seems to be gone and the FT-100 is still giving 100 Watts on full power.
But the thing I do not understand is why the operation on 13.8V ( being the power supply according to the manual) will not work.
Could this be re real problem??

If someone has the same experience I would like to know.Best 73's
Jan PA9JJ
pa9jj@...

---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12502. Re: Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 21:23:21 UTC
From: John Hirth
Topic: 12502  Message: 12502

Jan,

This has happened to me and at several other list members. Here's an earlier message I sent to the list when I got mine back from Yaesu after they repaired this problem. Also attached is a description of the problem by other list members. I don't know if this will help you, but it looks as if it's got to go back for repair.

73 and GL,
John W2KI
==========

"John S. Hirth" wrote:
>
> Hope this is of interest to some.
>
> I just got my FT100D back from Yaesu in California. I'm happy to report
> that it looks as if they successfully repaired my "deaf RX" problem
> after warmup that George AH6BV so ably described (below) and several
> others have reported on this list. I've warmed it up and had it on now
> for 24 hours. So far, it hasn't lost any RX sensitivity. Hooray!
>
> >From the invoice it appears that the only part replaced was one
> "A08980048". I don't have the service manual or detailed parts list so I
> can't describe it further. Can anyone shed some light on what component
> this is in the schematic? Is it in the physical area to which George
> seemed to narrow down the problem with his heat/cool testing?
>
> I'm a happy camper once again. Thanks to the Customer Service team at
> Yaesu for a quick turnaround after I had to return it to them again
> after they missed it the first time.
>
> 73, John W2KI
> --------
> on 4 Jan. 2002
> georgeah6bv wrote:
> >
> > I just purchased a used FT-100, sn 0J..... that has the same
> > symptoms. I practically took my coax patch cords and switches apart
> > thinking I had a faulty connection. Same thing - S9 signals drop to
> > S1 within a minute. Powering it off and on restores the RX
> > sensitivity temporarily before it dies down. This is true for HF and
> > 2M - only because I had no 6M or 430 sigs to monitor, and I was
> > toggling A/B VFOs.
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> > I removed the top cover and it seemed to cure the problem - seems to

> > be thermal in nature. I borrowed the XYL's hair dryer with
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> > Found that the suspect component or condition is in the LPF board
> > centered between the large black relay that the two coax leads
> > connect to, and the ribbon cable. I tuned to strong signals on 20M
> > and 2M and actually made the condition appear and disappear by
> > heating and cooling that aarea of the LPF board.
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> > Examination of the affected area in the LPF board shows that there is
> > one resistor glued to the top of an IC chip which could be a
> > temperature sensor?
> >
> > I removed the 5 screws holding the LPF board to the chassis, applied
> > De-Oxit to the screw lips and board's solder layered screwholes,
> > thinking maybe board expansion was leading to less than optimal
> > grounding. It seemed to do the trick - signals stayed at normal
> > levels longer than before - almost half-an-hour. Once it dropped, it
> > was back to the same old symptoms.
> >
> > So... it may be that a grounding scheme for LPF board (to compensate
> > for expansion diff) may do the trick. Or it may be the resistor?
> >
> > I've given up for today. I put the radio back together. I have a
> > little fan blowing onto the top cover rear vents. The radio RX has
> > been operating normally. Just that instead of an internal fan mod, I
> > have an external fan mod ;-)
> >
> > George AH6BV / w1
> >
> > --- In FT100@y..., brett_dawson@y... wrote:
> > > Hi all,
> > >
> > > just joined the group and looks like there's lots of good
> > information
> > > about. I hope you can help with my question.
> > >
> > > I have seen this discussed before, but have not seen a definative
> > > answer or fix.
> > >
> > > My problem is after getting warm the RXer goes deaf, all bands and
> > > all modes, as far as I can tell.
> > >
> > > If I switch the radio off, then on again, it comes good for a short
> > > time (say abot 20secs), then goes deaf again.
> > >
> > > Anyone able to help with this ?
> > > Best Regards
> > > Brett, VK2CBD
>

# 12503. My previous email

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 21:27:50 UTC
From: pa9jj@amsat.org
Topic: 11978  Message: 12503

Please disgard my previous email.
I was to anxious to have the problem solved. Guess I waited not
long enough.... :(

But if there is someone with the solution please send me your
email.

Best 73's
Jan PA9JJ
pa9jj@...

---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12504. Re: My FT100 failure?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 00:23:18 UTC
From: backhoefade
Topic: 11774  Message: 12504

Doesn't sound right. I've run my D on a Samlex 1223 for many hours
with never a problem. Sounds like the over/under voltage protection
circuit window is set too tight on the high end.

--- In FT100@y..., pa9jj@a... wrote:
> Hello all,
>
> I just discovered the malfuction of my FT-100 after several hours
> stand-by on HF.
> After a while the s-meter indication (observed on the commercial
> broadcast band) would drop from S9 - S nothing.
> I then turned the rig off, waited about 3 seconds and turned it on
> again and there was the S-meter indication, but after say 10
> seconds it dropped down to nothing again.
> So I decided to put the rig on a 12 V. accu. And then the problem
> was no longer there.
> I was using a SEC 1223 from Semlex as my power supply. The
> output voltage was 13.8 V.
> What I did is put the output voltage from the SEMLEX down to 12.6
> V by turning VR2 (could not get it lower).
> And now the problem seems to be gone and the FT-100 is still
> giving 100 Watts on full power.
> But the thing I do not understand is why the operation on 13.8V (
> being the power supply according to the manual) will not work.
> Could this be re real problem??
>
> If someone has the same experience I would like to know.Best 73's
> Jan PA9JJ
> pa9jj@a...
> _____
> ___
>
> If you ever need a QSL-manager please think of me!
> Take a look at my homepage on http://www.qsl.net/pa9jj
> and sign the guestbook please.

# 12505. Re: [FT100] How does the 100D do on FM broadcast bands???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 20:53:19 UTC
From: KB5VZC
Topic: 12495  Message: 12505

I use my FT100D quite a bit for swling. Have about two dozen freqs programed in for when Art Bell is boring at nite. Wasn't real happy with the WB FM commercial band but didn't think about using the menu to adjust as advised by others. Audio tends to be alittle weak but most of time I am able to hear all the words even though I am in a diesel big rig. BTW, has anyone tried using the 100 on 220 after the freq opening mod? That would be another reason for doing the mod. As I recall the Japanese do not have 220 which is why most of their radios do not have the band installed.

73s
]
jerry KB5VZC
----- Original Message -----
From: recurve95
To: FT100@yahoogroups.com
Sent: Thursday, February 21, 2002 7:52 PM
Subject: [FT100] How does the 100D do on FM broadcast bands???

REALITY....
I am considering getting the 100D in order to satisify my long desire for a decent SWL rig in the car. Anybody doing any SWL'ing? For those of you using it, how does the 100D do reception wise and audio wise on the FM broadcast bands (88-108)? Strange questions I know, but I enjoy listenting to other stuff just as much, if not more, than talking "ham stuff".

DREAMING....
I have always thought that the best mobile rig would be a radio like the 100D with its capabilities, but in a size that would "drop right in" to the factory space for the AM/FM stereo. The 1.5 DIN size stereo in my Silverado is HUGE compared to the size of the 100D. I know it can be done. I dont know how many hams drive GM or Chrysler products, but at hamfests around here, the percentage is pretty good. I bet Yaesu could sell a bunch of radios designed this way.

EVEN MORE DREAMING....
Yaesu, Icom, Kenwood LISTEN UP.
Design a wide band, general coverage HF/VHF/UHF transmitter (like the 100D)
that that does all the ham stuff AND has good FM reception in STEREO, so I can rip the AM/FM stereo out of my truck, car or whatever I am driving, and put the 100D in its place. Have enough audio out to drive the door speakers already installed in the vehicle. The seperation kit is great, but make a blanking plate so I can remove the stereo, and put a 100D faceplate in there. It shure would make the installation look professional and not end up with radios everywhere. I am seriously considering doing just this in my truck

if the 100D has even average FM reception and audio quality. Dont think I havent been looking for a good canidate for a blanking plate that would look good.

Sorry for the dreaming...just got wound up with the possibilities I see!!!
Dave
N5XL

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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12506. Re: [FT100] Re: Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-22 23:20:03 UTC
From: Mike May
Topic: 12502  Message: 12506

I just looked at my schematic and the only parts that I can find with the A0898xxxx designator are the crystal filters in the second IF, unless someone else has a parts list which could shed light on this but it seems to reason if the xtal filter is bad the sensitivity and the rx audio would drop out. A good check would be to change modes say from SSB if this is when the audio drop occurs then go to AM or FM and see if audio comes back. Anyone have a service manual who could check and tell us what the A08980048 part is ?

Mike
WB8VLC/7

John Hirth wrote:

> Jan,
>
> This has happened to me and at several other list members. Here's an
> earlier
> message I sent to the list when I got mine back from Yaesu after they
> repaired
> this problem. Also attached is a description of the problem by other
> list
> members. I don't know if this will help you, but it looks as if it's
> got to go
> back for repair.
>
> 73 and GL,
> John W2KI
> ==========
>
> "John S. Hirth" wrote:
> >
> > Hope this is of interest to some.
> >
> > I just got my FT100D back from Yaesu in California. I'm happy to
> report
> > that it looks as if they successfully repaired my "deaf RX" problem
> > after warmup that George AH6BV so ably described (below) and several
>
> > others have reported on this list. I've warmed it up and had it on
> now
> > for 24 hours. So far, it hasn't lost any RX sensitivity. Hooray!
> >
> > >From the invoice it appears that the only part replaced was one
> > "A08980048". I don't have the service manual or detailed parts list
> so I

> > can't describe it further. Can anyone shed some light on what
> component
> > this is in the schematic? Is it in the physical area to which George
>
> > seemed to narrow down the problem with his heat/cool testing?
> >
> > I'm a happy camper once again. Thanks to the Customer Service team
> at
> > Yaesu for a quick turnaround after I had to return it to them again
> > after they missed it the first time.
> >
> > 73, John W2KI
> > --------
> > on 4 Jan. 2002
> > georgeah6bv wrote:
> > >
> > > I just purchased a used FT-100, sn 0J...... that has the same
> > > symptoms. I practically took my coax patch cords and switches
> apart
> > > thinking I had a faulty connection. Same thing - S9 signals drop
> to
> > > S1 within a minute. Powering it off and on restores the RX
> > > sensitivity temporarily before it dies down. This is true for HF
> and
> > > 2M - only because I had no 6M or 430 sigs to monitor, and I was
> > > toggling A/B VFOs.
> > >
> > > I removed the top cover and it seemed to cure the problem - seems
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> > > be thermal in nature. I borrowed the XYL's hair dryer with
> > > hot/normal air capability and did some hot/cold troubleshooting.
> > >
> > > Found that the suspect component or condition is in the LPF board
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> > > and 2M and actually made the condition appear and disappear by
> > > heating and cooling that aarea of the LPF board.
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> > > Examination of the affected area in the LPF board shows that there
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> > > one resistor glued to the top of an IC chip which could be a
> > > temperature sensor?
> > >
> > > I removed the 5 screws holding the LPF board to the chassis,
> applied
> > > De-Oxit to the screw lips and board's solder layered screwholes,
> > > thinking maybe board expansion was leading to less than optimal
> > > grounding. It seemed to do the trick - signals stayed at normal
> > > levels longer than before - almost half-an-hour. Once it dropped,

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> > > was back to the same old symptoms.
> > >
> > > So... it may be that a grounding scheme for LPF board (to
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> > > for expansion diff) may do the trick. Or it may be the resistor?
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> > > I've given up for today. I put the radio back together. I have a
> > > little fan blowing onto the top cover rear vents. The radio RX
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> > > been operating normally. Just that instead of an internal fan mod,
> I
> > > have an external fan mod ;-)
> > >
> > > George AH6BV / w1
> > >
> > > --- In FT100@y..., brett_dawson@y... wrote:
> > > > Hi all,
> > > >
> > > > just joined the group and looks like there's lots of good
> > > information
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> > > > time (say abot 20secs), then goes deaf again.
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> > > > Anyone able to help with this ?
> > > > Best Regards
> > > > Brett, VK2CBD
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

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[Non-text portions of this message have been removed]

# 12507. Re: [FT100] Re: Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 00:20:06 UTC
From: france antelme
Topic: 12502  Message: 12507

This sounds suspiciously like a problem of oxidation
on the contacts of the tx/rx relay.

Does it go away if you transmit for a moment?

-France-

--- John Hirth <w2ki@...> wrote:
> Jan,
>
> This has happened to me and at several other list
> members. Here's an earlier
> message I sent to the list when I got mine back from
> Yaesu after they repaired
> this problem. Also attached is a description of the
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> > > > Anyone able to help with this ?

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> > > > Brett, VK2CBD
> >
>

---
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# 12508. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 06:26:02 UTC
From: backhoefade
Topic: 12474  Message: 12508

Ok here's the fan info. The company's called "Jim-Pak" now but
they're at the same location near my work. The part number is
161699. That's their internal part number for the fan.
It is Fan 12 VDC, 6.5CFM 1.60 x 0.4 inch about $6.95 each.
1-800-304-3634
There you go! N6AF Charles

--- In FT100@y..., "ki5mp" <ki5mp@b...> wrote:
> That info from Jameco would be very much appreciated, Chas. As
> mentioned, one of my fans sounds like it is about to quit on me.
> When I first power up the rig, it buzzes and whines and turns at an
> inconsistent speed until finally it "warms up" and sounds normal
> again. I've had a couple of computer CPU fans do that exact thing
> before they finally died...
>
> Thanks,
> Mike KI5MP
>

# 12509. Re: [FT100] Re: My FT100 failure?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 09:04:04 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12509

Hi,

No you are right. It is not the power supply. I guess I tested it not long enough.
But you know, my own FT-100 is for repair for this problem at Yeasu Netherlands and they have send me another FT-100 which I can use as long as the repair takes, but this one has exactly the same problem.

Op 23 Feb 2002 om 0:23, backhoefade schreef:

> Doesn't sound right. I've run my D on a Samlex 1223 for many hours
> with never a problem. Sounds like the over/under voltage protection
> circuit window is set too tight on the high end.
>
> --- In FT100@y..., pa9jj@a... wrote:
> > Hello all,
> >
> > I just discovered the malfuction of my FT-100 after several hours
> > stand-by on HF.
> > After a while the s-meter indication (observed on the commercial
> > broadcast band) would drop from S9 - S nothing.
> > I then turned the rig off, waited about 3 seconds and turned it on
> > again and there was the S-meter indication, but after say 10
> > seconds it dropped down to nothing again.
> > So I decided to put the rig on a 12 V. accu. And then the problem
> > was no longer there.
> > I was using a SEC 1223 from Semlex as my power supply. The
> > output voltage was 13.8 V.
> > What I did is put the output voltage from the SEMLEX down to 12.6
> > V by turning VR2 (could not get it lower).
> > And now the problem seems to be gone and the FT-100 is still
> > giving 100 Watts on full power.
> > But the thing I do not understand is why the operation on 13.8V (
> > being the power supply according to the manual) will not work.
> > Could this be re real problem??
> >
> > If someone has the same experience I would like to know.Best 73's
> > Jan PA9JJ
> > pa9jj@a...
> > _____
> > ___
> >
> > If you ever need a QSL-manager please think of me!
> > Take a look at my homepage on http://www.qsl.net/pa9jj
> > and sign the guestbook please.

>
>
>
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>

Met vriendelijke groeten,

jan-en-jan@...

# 12510. [FT100] Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 12:54:16 UTC
From: Howard Cunningham
Topic: 12474  Message: 12510

Hi

FYI, In the USA the JimPak line is carred by many electronic parts stores on wall displays. the packages are yellow.

hc
WD5DBC

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> cgarner@... 02/23/02 01:26AM >>>
Ok here's the fan info. The company's called "Jim-Pak" now but
they're at the same location near my work. The part number is
161699. That's their internal part number for the fan.
It is Fan 12 VDC, 6.5CFM 1.60 x 0.4 inch about $6.95 each.
1-800-304-3634
There you go! N6AF Charles

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> When I first power up the rig, it buzzes and whines and turns at an
> inconsistent speed until finally it "warms up" and sounds normal
> again. I've had a couple of computer CPU fans do that exact thing
> before they finally died...
>
> Thanks,
> Mike KI5MP
>

# 12511. Re: [FT100] Re: Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 13:44:11 UTC
From: John Hirth
Topic: 12502  Message: 12511

Before the "deaf Rx" problem was fixed in my 100D the only thing that would bring the receiver back to "normal" sensitivity was momentarily powering off/on. It would then be OK for another few seconds before again becoming "deaf". A quick transition into transmit and then back to receive had no effect on the problem. Neither did switching modes... in my case it was evident in SSB, AM, FM.

I can't speak for Jan, who most recently reported the problem in his rig.

73, John W2KI
==========

france antelme wrote:
>
> This sounds suspiciously like a problem of oxidation
> on the contacts of the tx/rx relay.
>
> Does it go away if you transmit for a moment?
---

Mike May wrote:
>
> I just looked at my schematic and the only parts that I can find with
> the A0898xxxx designator are the crystal filters in the second IF,
> unless someone else has a parts list which could shed light on this but
> it seems to reason if the xtal filter is bad the sensitivity and the rx
> audio would drop out. A good check would be to change modes say from
> SSB if this is when the audio drop occurs then go to AM or FM and see if
> audio comes back. Anyone have a service manual who could check and tell
> us what the A08980048 part is ?
>
> Mike
> WB8VLC/7

# 12512. (Fwd) Re: [FT100] Re: Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 15:45:05 UTC
From: pa9jj@amsat.org
Topic: 12512  Message: 12512

Yes this is exactly the same problem with me!!!

Op 23 Feb 2002 om 8:44, John Hirth schreef:

> Before the "deaf Rx" problem was fixed in my 100D the only thing that would
> bring the receiver back to "normal" sensitivity was momentarily powering off/on.
> It would then be OK for another few seconds before again becoming "deaf". A
> quick transition into transmit and then back to receive had no effect on the
> problem. Neither did switching modes... in my case it was evident in SSB, AM,
> FM.
>
> I can't speak for Jan, who most recently reported the problem in his rig.
>
> 73, John W2KI
> ==========
>
> france antelme wrote:
> >
> > This sounds suspiciously like a problem of oxidation
> > on the contacts of the tx/rx relay.
> >
> > Does it go away if you transmit for a moment?
> ---------
>
> Mike May wrote:
> >
> > I just looked at my schematic and the only parts that I can find with
> > the A0898xxxx designator are the crystal filters in the second IF,
> > unless someone else has a parts list which could shed light on this but
> > it seems to reason if the xtal filter is bad the sensitivity and the rx
> > audio would drop out. A good check would be to change modes say from
> > SSB if this is when the audio drop occurs then go to AM or FM and see if
> > audio comes back. Anyone have a service manual who could check and tell
> > us what the A08980048 part is ?
> >
> > Mike
> > WB8VLC/7
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Met vriendelijke groeten,

jan-en-jan@...

------- End of forwarded message -------Met vriendelijke groeten,

jan-en-jan@...
Best 73's
Jan PA9JJ
pa9jj@...
------------------------------------------------------
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12513. Re: My FT100 failure?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 16:08:44 UTC
From: backhoefade
Topic: 11774  Message: 12513

The law of odds has it that there is something wrong with your power supply. 2 out of 2 is unlikely on this one. So if you have an oscilloscope I suggest that you take a close look at what's going on on your input DC line when the "problem" occurs. Often you don't see the whole picture if you just base your voltage measurement on a simple voltmeter. That Samlex may have a transient voltage spike or something else. Snoop it out and you should see what's up. Remember, until you truely understand the root cause of a problem it's not corrected, even if it "goes away" for a while.

--- In FT100@y..., pa9jj@a... wrote:
> Hi,
>
> No you are right. It is not the power supply. I guess I tested it not
> long enough.
> But you know, my own FT-100 is for repair for this problem at
> Yeasu Netherlands and they have send me another FT-100 which I
> can use as long as the repair takes, but this one has exactly the
> same problem.
>
> Op 23 Feb 2002 om 0:23, backhoefade schreef:
>
> > Doesn't sound right. I've run my D on a Samlex 1223 for many hours
> > with never a problem. Sounds like the over/under voltage protection
> > circuit window is set too tight on the high end.
> >
> > --- In FT100@y..., pa9jj@a... wrote:
> > > Hello all,
> > >
> > > I just discovered the malfuction of my FT-100 after several hours
> > > stand-by on HF.
> > > After a while the s-meter indication (observed on the commercial
> > > broadcast band) would drop from S9 - S nothing.
> > > I then turned the rig off, waited about 3 seconds and turned it on
> > > again and there was the S-meter indication, but after say 10
> > > seconds it dropped down to nothing again.
> > > So I decided to put the rig on a 12 V. accu. And then the problem
> > > was no longer there.

> > > I was using a SEC 1223 from Semlex as my power supply. The
> > > output voltage was 13.8 V.
> > > What I did is put the output voltage from the SEMLEX down to
12.6
> > > V by turning VR2 (could not get it lower).
> > > And now the problem seems to be gone and the FT-100 is still
> > > giving 100 Watts on full power.
> > > But the thing I do not understand is why the operation on 13.8V
(
> > > being the power supply according to the manual) will not work.
> > > Could this be re real problem??
> > >
> > > If someone has the same experience I would like to know.Best
73's
> > > Jan PA9JJ
> > > pa9jj@a...
> > > _____
> > > ___
> > >
> > > If you ever need a QSL-manager please think of me!
> > > Take a look at my homepage on http://www.qsl.net/pa9jj
> > > and sign the guestbook please.
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
>
> Met vriendelijke groeten,
>
>
>
> jan-en-jan@h...

# 12514. Re: [FT100] Re: My FT100 failure?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 17:29:06 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12514

No it is not the power supply. Even when I use a car battery this
problem occurs. But I am almost sure that it has something to do
with the overheating of the rig. When I use my room van and put it
on top of the opened rig (the upper side, were the speaker is) then
the audio and s-meter indication comes back again.
Remember, this FT-100 has no modifications yet.
So I will first buy me a 50 Ohm resistor and do the ventilator mod.
Hope this will clear a lot.

Op 23 Feb 2002 om 16:08, backhoefade schreef:

> The law of odds has it that there is something wrong with your power
> supply. 2 out of 2 is unlikely on this one. So if you have an
> oscilloscope I suggest that you take a close look at what's going on
> on your input DC line when the "problem" occurs. Often you don't see
> the whole picture if you just base your voltage measurement on a
> simple voltmeter. That Samlex may have a transient voltage spike or
> something else. Snoop it out and you should see what's up.
> Remember, until you truely understand the root cause of a problem
> it's not corrected, even if it "goes away" for a while.
>
> --- In FT100@y..., pa9jj@a... wrote:
> > Hi,
> >
> > No you are right. It is not the power supply. I guess I tested it
> not
> > long enough.
> > But you know, my own FT-100 is for repair for this problem at
> > Yeasu Netherlands and they have send me another FT-100 which I
> > can use as long as the repair takes, but this one has exactly the
> > same problem.
> >
> > Op 23 Feb 2002 om 0:23, backhoefade schreef:
> >
> > > Doesn't sound right. I've run my D on a Samlex 1223 for many
> hours
> > > with never a problem. Sounds like the over/under voltage
> protection
> > > circuit window is set too tight on the high end.
> > >
> > > --- In FT100@y..., pa9jj@a... wrote:
> > > > Hello all,
> > > >
> > > > I just discovered the malfuction of my FT-100 after several
> hours

> > > > stand-by on HF.
> > > > After a while the s-meter indication (observed on the
> commercial
> > > > broadcast band) would drop from S9 - S nothing.
> > > > I then turned the rig off, waited about 3 seconds and turned it
> on
> > > > again and there was the S-meter indication, but after say 10
> > > > seconds it dropped down to nothing again.
> > > > So I decided to put the rig on a 12 V. accu. And then the
> problem
> > > > was no longer there.
> > > > I was using a SEC 1223 from Semlex as my power supply. The
> > > > output voltage was 13.8 V.
> > > > What I did is put the output voltage from the SEMLEX down to
> 12.6
> > > > V by turning VR2 (could not get it lower).
> > > > And now the problem seems to be gone and the FT-100 is still
> > > > giving 100 Watts on full power.
> > > > But the thing I do not understand is why the operation on 13.8V
> (
> > > > being the power supply according to the manual) will not work.
> > > > Could this be re real problem??
> > > >
> > > > If someone has the same experience I would like to know.Best
> 73's
> > > > Jan PA9JJ
> > > > pa9jj@a...
> > > > _____
> > > > ___
> > > >
> > > > If you ever need a QSL-manager please think of me!
> > > > Take a look at my homepage on http://www.qsl.net/pa9jj
> > > > and sign the guestbook please.
> > >
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> > >
> > >
> >
> > Met vriendelijke groeten,

> >
> >
> >
> > jan-en-jan@h...
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Met vriendelijke groeten,

jan-en-jan@...

# 12515. Deaf Rx problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 19:07:14 UTC
From: David F. Morse
Topic: 12512  Message: 12515

>>------------------

Mike; the only thing I can find in my ft100 service manual is a
"MFR'S DESIG" to A0898 as a "WIRE ASSY" (A0898 #241896) in the Local
Unit.
Not much help sorry.
David in Denver
K0DAR
>>/////////////////

> >
>> Mike May wrote:
>> >
>> > I just looked at my schematic and the only parts that I can find with
>> > the A0898xxxx designator are the crystal filters in the second IF,
>> > unless someone else has a parts list which could shed light on this but
>> > it seems to reason if the xtal filter is bad the sensitivity and the rx
>> > audio would drop out. A good check would be to change modes say from
>> > SSB if this is when the audio drop occurs then go to AM or FM and see if
>> > audio comes back. Anyone have a service manual who could check and tell
>> > us what the A08980048 part is ?
>> >
>> > Mike
>> > WB8VLC/7
> >
> >

--

# 12516. A08980048

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-23 22:38:26 UTC
From: k5unm
Topic: 12516  Message: 12516

On the bill I just got from YASEU the modification to add the Tokin thermal switch was A08980017. This would imply that A0898xxxx sequence was the various modifications and no charge changes to the radio. I would suggest that all who have had their radios repaired add the corresponding numbers for the SWR, and other mods.
A08980017 Tokin thermal modification
A0898xxxx SWR mod
A0898xxxx ?????

# 12517. Re: A08980048

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 01:05:55 UTC
From: wb8vlc
Topic: 12516  Message: 12517

The A0898XXX must be accessories or available mods as the optional
2nd IF crystal filters have the same reference designator.

Mike
WB8VLC/7

--- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> On the bill I just got from YASEU the modification to add the Tokin
> thermal switch was A08980017. This would imply that A0898xxxx
> sequence was the various modifications and no charge changes to the
> radio. I would suggest that all who have had their radios repaired
> add the corresponding numbers for the SWR, and other mods.
> A08980017 Tokin thermal modification
> A0898xxxx SWR mod
> A0898xxxx ?????

# 12518. Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 02:36:26 UTC
From: barry_zoll
Topic: 12518  Message: 12518

I just got my FT100D back from Yaesu. The good news is that they did the thermoswitch, swr, am update but now the rig has a new problem. I've been getting audio reports stating that I'm overdriving the mic. I've set the gain down to 15 with a little improvement. The battery voltage in my truck is 14.5 running and 12.6 at rest. I hold the mic about 10 inches from my mouth.

I was snooping around the power cord and found that the negative pin came out of engagement from the connector I used but the radio still was on. I use a 3 magnet mag mount with Ham Sticks and the mag mount is grounded to the frame of the truck. I discovered that the 12VDC was flowing through the ground side of the antenna coax then to the fram of the truck. When I removed the antenna ground, the radio shut off. I plugged it back in to the power connector and it worked ok. I had a QSO with one guy and he said that my audio was ok. If I place a gound wire on the back of the radio, my output on 20 meters drops from 100 to 50W. I should have bought a 706 MKIIG.

Any suggestions before I get ahold of the President of Vertex Standard?

Thanks and 73.

# 12519. Re: [FT100] Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 05:44:49 UTC
From: Glen Farough
Topic: 12518  Message: 12519

Barry ... maybe the optomized audio settings
were set back to default...
From N4XEO files and the postings re poor tx audio...
Make these changes from the defaults if you
> have not done yet...Note the default settings of
> these menu options and then adjust them as
> follows...
> Almost gave up on my tx audio with the stock mic,
> but this worked out well...
> MENU:
> 25, 40
> 26, 45
> 27, 40
> 33, 5
> 62, +050
> 63, +050
> 64, -200
> 65, -200
Good luck
73 de Glen VE7LGF

--- barry_zoll <barry_zoll@...> wrote:
> I just got my FT100D back from Yaesu. The good news
> is that they did
> the thermoswitch, swr, am update but now the rig has
> a new problem.
> I've been getting audio reports stating that I'm
> overdriving the
> mic. I've set the gain down to 15 with a little
> improvement. The
> battery voltage in my truck is 14.5 running and 12.6
> at rest. I hold
> the mic about 10 inches from my mouth.
>
> I was snooping around the power cord and found that
> the negative pin
> came out of engagement from the connector I used but
> the radio still
> was on. I use a 3 magnet mag mount with Ham Sticks
> and the mag mount
> is grounded to the frame of the truck. I discovered
> that the 12VDC
> was flowing through the ground side of the antenna
> coax then to the
> fram of the truck. When I removed the antenna

> ground, the radio shut
> off. I plugged it back in to the power connector
> and it worked ok.
> I had a QSO with one guy and he said that my audio
> was ok. If I place
> a gound wire on the back of the radio, my output on
> 20 meters drops
> from 100 to 50W. I should have bought a 706 MKIIG.
>
> Any suggestions before I get ahold of the President
> of Vertex
> Standard?
>
> Thanks and 73.
>
>
>

---------------------------------------------
Do You Yahoo!?
Yahoo! Sports - Coverage of the 2002 Olympic Games
http://sports.yahoo.com

# 12520. Re: Question about FT100D Fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 14:48:20 UTC
From: ki5mp
Topic: 12474  Message: 12520

Got it! There is a local electronics parts house that carries Jim-Pak parts. I'll give them a call next week.

Thanks for all your help. BTW, I re-did the mod CORRECTLY and it works like it should...duh...

73,

Mike, KI5MP

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Ok here's the fan info. The company's called "Jim-Pak" now but
> they're at the same location near my work. The part number is
> 161699. That's their internal part number for the fan.
> It is Fan 12 VDC, 6.5CFM 1.60 x 0.4 inch about $6.95 each.
> 1-800-304-3634
> There you go! N6AF Charles
>
>
> --- In FT100@y..., "ki5mp" <ki5mp@b...> wrote:
> > That info from Jameco would be very much appreciated, Chas. As
> > mentioned, one of my fans sounds like it is about to quit on me.
> > When I first power up the rig, it buzzes and whines and turns at
an
> > inconsistent speed until finally it "warms up" and sounds normal
> > again. I've had a couple of computer CPU fans do that exact
thing
> > before they finally died...
> >
> > Thanks,
> > Mike KI5MP
> >

# 12521. Re: [FT100] Here's a new problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 16:17:09 UTC
From: lhlousek
Topic: 12521  Message: 12521

Hi Barry,

For VHF and UHF sometimes the capacitive coupling between a mag mount and the sheet metal is enough but not for HF. It is best to attach a low impedance ground from the antenna base to nearby sheet metal. If it is on a hood you usually need to add straps between the hood and rest of the sheet metal too. Use at least a 1/2" wide straps or braid and make them as short as possible. They way you have it now, you ground the mount to the truck frame and then, somewhere, the frame attaches to the body with a few straps. When you ground the rig inside the cab you get a big loop and it's not too surprising that funny stuff is happening.

And, before getting that 706, consider a TSB2000 instead.

Lou W7DZN

++++++++++++++++++++++++++++++++

From: "barry_zoll" <barry_zoll@...>
Subject: Here's a new problem!

I just got my FT100D back from Yaesu. The good news is that they did the thermoswitch, swr, am update but now the rig has a new problem. I've been getting audio reports stating that I'm overdriving the mic. I've set the gain down to 15 with a little improvement. The battery voltage in my truck is 14.5 running and 12.6 at rest. I hold the mic about 10 inches from my mouth.

I was snooping around the power cord and found that the negative pin came out of engagement from the connector I used but the radio still was on. I use a 3 magnet mag mount with Ham Sticks and the mag mount is grounded to the frame of the truck. I discovered that the 12VDC was flowing through the ground side of the antenna coax then to the fram of the truck. When I removed the antenna ground, the radio shut off. I plugged it back in to the power connector and it worked ok. I had a QSO with one guy and he said that my audio was ok. If I place a gound wire on the back of the radio, my output on 20 meters drops from 100 to 50W. I should have bought a 706 MKIIG.

Any suggestions before I get ahold of the President of Vertex Standard?

# 12522. Re: [FT100] Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 18:03:52 UTC
From: John McClain
Topic: 12518  Message: 12522

Go back a few weeks in the list and you will find where I was complaining about an audio problem similar to yours. I am on my second FT-100D. The first was returned after a couple of weeks because of the SWR problem (it had good audio though). The second one does not have the SWR problem but people complain that my audio is too hot and that it sounds like I am over driving . Turning the mic gain reduces that amount of audio but my reports still say that it sounds to hot and over driven. I talked with Yaesu and they faxed me the alignment procedures which I read and then filed away because it was very involved and I no longer have the required equipment to perform the alignment. The only fix I can come up with is to do what most people said and don't talk directly into the three small holes on the mic. I now either talk into the buttons or I speak across the mic. I hate to have to change my habits but that is the only way short of returning it to Yaesu for 5 to 12 weeks. Good luck with yours and let us know if you come up with a better fix.

John
K7SVV@...
----- Original Message -----
From: barry_zoll
To: FT100@yahoogroups.com
Sent: Saturday, February 23, 2002 7:36 PM
Subject: [FT100] Here's a new problem!

I just got my FT100D back from Yaesu. The good news is that they did the thermoswitch, swr, am update but now the rig has a new problem. I've been getting audio reports stating that I'm overdriving the mic. I've set the gain down to 15 with a little improvement. The battery voltage in my truck is 14.5 running and 12.6 at rest. I hold the mic about 10 inches from my mouth.

I was snooping around the power cord and found that the negative pin came out of engagement from the connector I used but the radio still was on. I use a 3 magnet mag mount with Ham Sticks and the mag mount is grounded to the frame of the truck. I discovered that the 12VDC was flowing through the ground side of the antenna coax then to the fram of the truck. When I removed the antenna ground, the radio shut off. I plugged it back in to the power connector and it worked ok. I had a QSO with one guy and he said that my audio was ok. If I place a gound wire on the back of the radio, my output on 20 meters drops from 100 to 50W. I should have bought a 706 MKIIG.

Any suggestions before I get ahold of the President of Vertex Standard?

Thanks and 73.

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 12523. Re: [FT100] Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 19:18:11 UTC
From: Pres Waterman
Topic: 12518  Message: 12523

> I just got my FT100D back from Yaesu. The good news is that they did
> the thermoswitch, swr, am update but now the rig has a new problem.
> I've been getting audio reports stating that I'm overdriving the
> mic. I've set the gain down to 15 with a little improvement. The
> battery voltage in my truck is 14.5 running and 12.6 at rest. I hold
> the mic about 10 inches from my mouth

Turn off the mic processor, which has its own mic level set.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12524. Re: [FT100] Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 20:18:23 UTC
From: Pres Waterman
Topic: 12518  Message: 12524

> perform the alignment. The only fix I can come up with is to do what most
> people said and don't talk directly into the three small holes on the mic.
> I now either talk into the buttons or I speak across the mic. I hate to
> have to change my habits but that is the only way short of returning it to

Did you consider covering the holes with tape?

# 12525. Re: [FT100] Subscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 21:31:16 UTC
From: Otto
Topic: 12434  Message: 12525

unsubscribe.
otto@...

Nelson Moyer wrote:

> subscribe
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12526. Re Fans in FT-100(D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 23:00:05 UTC
From: ve7baq
Topic: 12526  Message: 12526

FT-100(D) fans.
I have been reading the mail regarding the fans in the FT-100(D) and N6AF mentioned that a substitute is available in Jim-Paks. That triggered a thought and I went to Google on the Web and typed in the word Jim-Pak, and I found the web site www.jameco.com and they list that exact number quoted along with 98 other fans also! The #161699 is on about 6 or 7 pages along the list but it is there. Give it a try, they seem to be willing to ship to individuals also. Just a thought as not all of us have a store that stocks these items locally. Worth a try.
Einar VE7BAQ

# 12527. Re Fans in FT-100(D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 23:00:48 UTC
From: ve7baq
Topic: 12526  Message: 12527

FT-100(D) fans.
I have been reading the mail regarding the fans in the FT-100(D) and N6AF mentioned that a substitute is available in Jim-Paks. That triggered a thought and I went to Google on the Web and typed in the word Jim-Pak, and I found the web site www.jameco.com and they list that exact number quoted along with 98 other fans also! The #161699 is on about 6 or 7 pages along the list but it is there. Give it a try, they seem to be willing to ship to individuals also. Just a thought as not all of us have a store that stocks these items locally. Worth a try.
Einar VE7BAQ

# 12528. For Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 23:19:59 UTC
From: backhoefade
Topic: 12528  Message: 12528

FT-100D with AM filter and both factory mods.
I'll pay shipping. You send a certified check for
$700. Once received, you get it.
N6AF Charles

# 12529. FT100 Linux software availiable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-24 19:00:44 UTC
From: A V Flinsch
Topic: 12529  Message: 12529

Commandline version and a kylix frontend are now available.
See http://www.qsl.net/kc2ivl/index.html for details

Freshmeat announcement coming soon....

--
Alex
KC2IVL
Linux 2.4.17 #1 Sat Feb 9 00:05:42 EST 2002 i686
2:00pm up 15 days, 5:36, 3 users, load average: 1.27, 1.20, 1.18

# 12530. Re: [FT100] For Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 02:15:39 UTC
From: John Spiceman
Topic: 12528  Message: 12530

You giving up, Chas?

John - WB0RLD

--- backhoefade <cgarner@...> wrote:
> FT-100D with AM filter and both factory mods.
> I'll pay shipping. You send a certified check for
> $700. Once received, you get it.
> N6AF Charles
>
>

_____
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# 12531. Re: [FT100] Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 03:24:24 UTC
From: John Spiceman
Topic: 12518  Message: 12531

Not so fast, Barry.

First, make sure that the power connector actually connects both leads to the battery. Who knows what was going on when the mag mount ground connection was acting as your ground return to the battery.

As far as the output going down when you grounded the actual rig, no doubt the whole antenna impedance is now different than it was before you changed the ground point. Everything has changed! Heck, probably the output is down because the antenna is now off resonance and the audio "overdriving" could be RF feedback getting into the audio circuit. Lots of possibilities.

I've found that you've GOT to get the antenna system solid first, which includes grounding the rig and antenna base to the frame. Then go about changing the antenna to match the freq either with inserting the proper hamstick or using the longest one and popping a tuner in there to get the antenna to resonate. You'll probably find that the audio will clear up.

Trial and error is the only way I found all of this out. It has worked for me and by looking at other postings here, others have had similar success. Good luck.

John - WB0RLD

--- barry_zoll <barry_zoll@...> wrote:
> I just got my FT100D back from Yaesu. The good news
> is that they did
> the thermoswitch, swr, am update but now the rig has
> a new problem.
> I've been getting audio reports stating that I'm
> overdriving the
> mic. I've set the gain down to 15 with a little
> improvement. The
> battery voltage in my truck is 14.5 running and 12.6
> at rest. I hold
> the mic about 10 inches from my mouth.
>
> I was snooping around the power cord and found that
> the negative pin

> came out of engagement from the connector I used but
> the radio still
> was on. I use a 3 magnet mag mount with Ham Sticks
> and the mag mount
> is grounded to the frame of the truck. I discovered
> that the 12VDC
> was flowing through the ground side of the antenna
> coax then to the
> fram of the truck. When I removed the antenna
> ground, the radio shut
> off. I plugged it back in to the power connector
> and it worked ok.
> I had a QSO with one guy and he said that my audio
> was ok. If I place
> a gound wire on the back of the radio, my output on
> 20 meters drops
> from 100 to 50W. I should have bought a 706 MKIIG.
>
> Any suggestions before I get ahold of the President
> of Vertex
> Standard?
>
> Thanks and 73.
>
>
>

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# 12532. Re: NOT for Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 06:02:25 UTC
From: backhoefade
Topic: 12528  Message: 12532

Sometimes you have to go the edge to really see what's there.
I almost bailed today. Last ditch effort was done tonight after
dinner. My wife and I operated on the patient and the surgery was a
massive success! My anger was with regards to the generally
restricted "muffled" transmit audio that is common and unfortunately
normal for all FT-100 and FT-100D rigs. I followed Richy's advise and
modified the mic. Amazing result. There's another guy in Redding
that's going to do it tomorrow. Richy suggested turning the "baffle"
that's in front of the electret element. I went a step further; I
took the dang thing out completely! Then my XYL jammed a needle
through the 3rd hole that's blocked in the stock mic and voila, done
deal. Just great. I was on my way out. This rig is like a turbo
Porsche with a restricted intake. I opened it up. Now it sceams.
Not for sale now. Not a chance.
Yahoo!
N6AF Chas

--- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> You giving up, Chas?
>
> John - WB0RLD
>
> --- backhoefade <cgarner@h...> wrote:
> > FT-100D with AM filter and both factory mods.
> > I'll pay shipping. You send a certified check for
> > $700. Once received, you get it.
> > N6AF Charles
> >
> >
>
>
> _____
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# 12533. Re: NOT for Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 06:06:20 UTC
From: backhoefade
Topic: 12528  Message: 12533

That's "screams" in my last message.

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Sometimes you have to go the edge to really see what's there.
> I almost bailed today. Last ditch effort was done tonight after
> dinner. My wife and I operated on the patient and the surgery was
a
> massive success! My anger was with regards to the generally
> restricted "muffled" transmit audio that is common and
unfortunately
> normal for all FT-100 and FT-100D rigs. I followed Richy's advise
and
> modified the mic. Amazing result. There's another guy in Redding
> that's going to do it tomorrow. Richy suggested turning
the "baffle"
> that's in front of the electret element. I went a step further; I
> took the dang thing out completely! Then my XYL jammed a needle
> through the 3rd hole that's blocked in the stock mic and voila,
done
> deal. Just great. I was on my way out. This rig is like a turbo
> Porsche with a restricted intake. I opened it up. Now it sceams.
> Not for sale now. Not a chance.
> Yahoo!
> N6AF Chas
>
>
>
> --- In FT100@y..., John Spiceman <jrmorris28@y...> wrote:
> > You giving up, Chas?
> >
> > John - WB0RLD
> >
> > --- backhoefade <cgarner@h...> wrote:
> > > FT-100D with AM filter and both factory mods.
> > > I'll pay shipping. You send a certified check for
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> > >
> > >
> >
> >
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# 12534. CAT cable schematic ? ( level converter cable)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 05:44:55 UTC
From: n7bfs
Topic: 12534  Message: 12534

Well , I am at a point where I want to start playing with my '100d with the CAT commands , and lo and behold I have found that they missed the mark (they figured it out on the FT847 ) and left the RS232 level converter out of the radio and require you to buy it :^P

So , since I already have a CAT cable for my FT8500 I was wondering if anyone has the schemagram for the CAT cable for the '100 , and if I can make an adapter cable , then I won't have to buy two CAT cables , just to talk to both radio's ..

Any ideas ?
Thanks for any input :)

Douglas Cole
N7bfs

# 12535. Re: Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 10:31:16 UTC
From: barry_zoll
Topic: 12518  Message: 12535

I think it's fixed! I found the ground wire on the power cord disengaged and repairing that and changing some menu settings, I'm back in business. Thanks to all for your support. 73

# 12536. Re: [FT100] For Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 11:24:49 UTC
From: Bruce A. Chambers
Topic: 12528  Message: 12536

Giving up what? On the fans...no. Just providing part number for those needing it. Bruce chambersb@....

John Spiceman wrote:

> You giving up, Chas?
>
> John - WB0RLD
>
> --- backhoefade <cgarner@...> wrote:
> > FT-100D with AM filter and both factory mods.
> > I'll pay shipping. You send a certified check for
> > $700. Once received, you get it.
> > N6AF Charles
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>
> We are all a part of this Lets make it as good as possible.
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[Non-text portions of this message have been removed]

# 12537. Re: CAT cable schematic ? ( level converter cable)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 12:31:44 UTC
From: kg4fet
Topic: 12534  Message: 12537

--- In FT100@y..., "n7bfs" <n7bfs@q...> wrote:
> Well , I am at a point where I want to start playing with my '100d
with
> the CAT commands , and lo and behold I have found that they missed
> the mark (they figured it out on the FT847 ) and left the RS232
level
> converter out of the radio and require you to buy it :^P
>
> So , since I already have a CAT cable for my FT8500 I was
> wondering if anyone has the schemagram for the CAT cable for the
> '100 , and if I can make an adapter cable , then I won't have to
buy
> two CAT cables , just to talk to both radio's ..
>
> Any ideas ?
> Thanks for any input :)
>
> Douglas Cole
> N7bfs

Douglas,
Somewhere in the files area is/was a schematic for a the LLC. Look
through it and see if you can find it there.
73 and all the best
Sandor KG4FET

# 12538. Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 12:44:00 UTC
From: py2mrd
Topic: 12538  Message: 12538

All, is there applying full power (150W)and this porcedure could damage the rig ?

And regarding Processor, a lot of friends of mine have only bad reports using it. Is it normal ?

Tks

# 12539. Re: [FT100] Re: Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 15:15:57 UTC
From: David Kiwerski, Senior Communications Te
Topic: 12518  Message: 12539

I've seen this problem with commercial 2-way radios when the negative lead becomes disconnected. The DC is carried through the coax shield to the radio because most radios are case ground. Sometimes the current is high enough to melt the coax.

Dave K wp2aat

barry_zoll wrote:
>
> I think it's fixed! I found the ground wire on the power cord
> disengaged and repairing that and changing some menu settings, I'm
> back in business. Thanks to all for your support. 73
>
>
> Post message: FT100@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
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# 12541. Re: [FT100] Re: Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 15:34:09 UTC
From: David Kiwerski
Topic: 12518  Message: 12541

Sorry, I just got through several official e-mails here at work and
forgot to change the identity. Didn't think it would bother folks too
much.

DaveK wp2aat

Chris Ormsby wrote:
>
> You must be pround of your title or something?
>
> --- "David Kiwerski, Senior Communications Technician,
> Orange County Sheriff Communications"
> <david.kiwerski@...> wrote:
> >
> >
> > I've seen this problem with commercial 2-way radios
> > when the negative
> > lead becomes disconnected. The DC is carried
> > through the coax shield
> > to the radio because most radios are case ground.
> > Sometimes the
> > current is high enough to melt the coax.
> >
> >
> > Dave K wp2aat
> >
> >
> >
> > barry_zoll wrote:
> > >
> > > I think it's fixed! I found the ground wire on
> > the power cord
> > > disengaged and repairing that and changing some
> > menu settings, I'm
> > > back in business. Thanks to all for your support.
> > 73
> > >
> > >
> > > Post message: FT100@yahoogroups.com
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> > > List owner: FT100-owner@yahoogroups.com
> > > FAQ on WWW:

> > http://www.k0lee.com/ft100faq.html
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> > > We are all a part of this Lets make it as good as
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# 12542. RE: [FT100] Re: CAT cable schematic ? ( level converter cable)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 15:44:19 UTC
From: Jesse
Topic: 12534  Message: 12542

But to keep a answer from being beat around a bush....The answer to your question is:
Yes you can build a adapter.
I use my w32 programming cable for programming my 8500 (adapter built) and CAT for the 100.

-----Original Message-----
From: kg4fet [mailto:kg4fet@...]
Sent: Monday, February 25, 2002 6:32 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: CAT cable schematic ? ( level converter cable)

--- In FT100@y..., "n7bfs" <n7bfs@q...> wrote:
> Well , I am at a point where I want to start playing with my '100d with
> the CAT commands , and lo and behold I have found that they missed
> the mark (they figured it out on the FT847 ) and left the RS232 level
> converter out of the radio and require you to buy it :^P
>
> So , since I already have a CAT cable for my FT8500 I was
> wondering if anyone has the schemagram for the CAT cable for the
> '100 , and if I can make an adapter cable , then I won't have to buy
> two CAT cables , just to talk to both radio's ..
>
> Any ideas ?
> Thanks for any input :)
>
> Douglas Cole
> N7bfs

Douglas,
Somewhere in the files area is/was a schematic for a the LLC. Look through it and see if you can find it there.
73 and all the best
Sandor KG4FET

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[Non-text portions of this message have been removed]

# 12544. Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 17:39:07 UTC
From: backhoefade
Topic: 12538  Message: 12544

Realize that the PROcessor control does not adjust the compression percentage. That is set at the factory. I checked this with an oscilloscope myself. The "PRO" level setting is just an independant MIC GAIN setting that over-rides the regular MIC GAIN setting whenever you have the PRO enabled. You can prove that to yourself by turning on the PRO, setting the level "within" the PRO button to about 65 in SSB and then going to the standard MIC GAIN control and setting it to ZERO. You will still have normal mic level.
The PRO works OK on the FT-100D, not great, but it helps sometimes for DX. I use it sometimes on AM operation. The trick there is too never set the PRO level (when using PRO) or the MIC GAIN control (when not using PRO) higher than about 17 or so. Also, for a bit more linear AM operation on peaks, set F15 (for HF) so your peak output power is around 125 Watts, rather than the standard 100 Watts. In CW mode though never run above 100 Watts; unless you like the idea of an early grave for your final amp devices.

If you want excellent audio with the FT-100D you have to operate on the stock mic. Remove the plastic "baffle" that's in front of the electret mic element and also open up the 3rd tiny hole in the front of the mic. People won't believe you're using an FT-100D. That mod is courtesy of Richy. But I believe he has abandoned ship and gone over the the TS-2000 world.
N6AF Chas

--- In FT100@y..., "py2mrd" <py2mrd@y...> wrote:
> All, is there applying full power (150W)and this porcedure could
> damage the rig ?
>
> And regarding Processor, a lot of friends of mine have only bad
> reports using it. Is it normal ?
>
> Tks

# 12545. Re: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 18:29:49 UTC
From: luiz lissoni
Topic: 12538  Message: 12545

Tanks man ! I really think this rigs is a rare jewel but it?s very difficult to get good reports. I am using 150 W in SSB with an auxiliary fan above it, for short periods. I don?t believe this procedure won?t cause damages in it. Could you suggest me some settings for SSB ? Tks --- backhoefade wrote: Realize that the PROcessor control does not adjust the compression
percentage. That is set at the factory. I checked this with an
oscilloscope myself. The "PRO" level setting is just an independant
MIC GAIN setting that over-rides the regular MIC GAIN setting
whenever you have the PRO enabled. You can prove that to yourself by
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(when not using PRO) higher than about 17 or so. Also, for a bit
more linear AM operation on peaks, set F15 (for HF) so your peak
output power is around 125 Watts, rather than the standard 100 Watts.
In CW mode though never run above 100 Watts; unless you like the idea
of an early grave for your final amp devices.

If you want excellent audio with the FT-100D you have to operate on
the stock mic. Remove the plastic "baffle" that's in front of the
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is courtesy of Richy. But I believe he has abandoned ship and gone
over the the TS-2000 world.
N6AF Chas

--- In FT100@y..., "py2mrd" wrote:
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> And regarding Processor, a lot of friends of mine have only bad
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# 12546. Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 19:19:51 UTC
From: backhoefade
Topic: 12538  Message: 12546

First of all, realize that 150 Watts vs 100 Watts is only 10*log(150/100) = 1.76 dB which is very little return in added fade margin for a likely big increase in heat so it's a lousy trade-off. 6 dB is one S unit so the 150 Watts buys you nil. The only time I recommend cranking up F15 is during AM operation and that's just to give the PA a little more headroon on peaks. Actually if you can "train yourself" psychologically to run 75 Watts without feeling like a wimp, you will find yourself getting virtually the same success as 100 Watts since you're only down about 1.25 dB. On SSB set the MIC GAIN (or PRO gain if PRO is enabled) to 65 and talk in a very slightly elevated voice about 4 inches from the mic. You have got to get that stupid plastic baffle out of the mic to make your rig come alive. It's an amazing improvement. Believe me. I just modded mine. Once you have the mic modified you can experiment with the MIC DSP settings. You will probably find the you want it on setting "2" since that gives you the mid-range frequency emphasis. But there's a little trick with the MIC DSP when you're running AM with the PRO enabled. Now you will probably want to set the MIC DSP to setting "1" which helps to take the harsh edge off of the processor effect. Unless you're contesting DX; then leave the MIC DSP on setting "2" or just turn it off. Let me know how you do with the mic mod. I just don't hardly believe Yaesu made such a big compromise with that "wind baffle" but they did. It's like driving a high performance sports car around town with the emergency brake half pulled on! Get that "brake" out of there. Let me know how it works out for you. 73's N6AF Chas --- In FT100@y..., luiz lissoni wrote: > Tanks man ! > > I really think this rigs is a rare jewel but it´s very > difficult to get good reports. I am using 150 W in SSB > with an auxiliary fan above it, for short periods. I > don´t believe this procedure won´t cause damages in > it. > > Could you suggest me some settings for SSB ? > > Tks > --- backhoefade wrote: > > > > > > > Realize that the PROcessor control does not adjust the > compression
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# 12547. Re: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 20:06:45 UTC
From: luiz lissoni
Topic: 12538  Message: 12547

Hi ! Tanks again and I?ll try it today. In spite of the dB formula, in the real world, actually yesterday, with 100 W I got a bad report (bassy and 5/9), but with 150 W, same day, time, band and antenna it goes to 5/9+20 and some "what a good signal and audio quality !!!". Regarding to the mods, we don?t have Yaesu dealers here, so I didn?t do it yet. I am looking for a step-by-step in order to do by myself. I?ll let you know the results. 73 --- backhoefade wrote: First of all, realize that 150 Watts vs 100 Watts is only
10*log(150/100) = 1.76 dB which is very little return in added fade
margin for a likely big increase in heat so it's a lousy trade-off.
6 dB is one S unit so the 150 Watts buys you nil.
The only time I recommend cranking up F15 is during AM operation and
that's just to give the PA a little more headroon on peaks.
Actually if you can "train yourself" psychologically to run 75 Watts
without feeling like a wimp, you will find yourself getting virtually
the same success as 100 Watts since you're only down about 1.25 dB.

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talk in a very slightly elevated voice about 4 inches from the mic.

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your rig come alive. It's an amazing improvement. Believe me. I
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Let me know how it works out for you.
73's N6AF Chas

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# 12548. Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 22:39:53 UTC
From: backhoefade
Topic: 12538  Message: 12548

You must be talking about the spurious oscillation and VHF/UHF fan mods. I was referring to the microphone modification which is something that Yaesu doesn't do. You will eliminate the "bassy" sound when you modify the microphone.

--- In FT100@y..., luiz lissoni <py2mrd@y...> wrote:
> Hi !
>
> Tanks again and I´ll try it today. In spite of the dB
> formula, in the real world, actually yesterday, with
> 100 W I got a bad report (bassy and 5/9), but with 150
> W, same day, time, band and antenna it goes to 5/9+20
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> here, so I didn´t do it yet.
>
> I am looking for a step-by-step in order to do by
> myself.
>
> I´ll let you know the results.
>
> 73

# 12549. RE: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 22:59:21 UTC
From: Cliff Bryant
Topic: 12538  Message: 12549

Let's apply a little science here can we? A 20dB signal increase would be the same as going from 100W to 10kW !!!! If you drive the PA at 150W you will likely be spreading badly on the bands and shorten the life of the PA. Cliff, G4PZK -----Original Message----- From: luiz lissoni [mailto:py2mrd@...] Sent: 25 February 2002 20:07 To: Cliff Bryant Subject: Re: [FT100] Re: Full power and Processor - Help Hi ! Tanks again and I?ll try it today. In spite of the dB formula, in the real world, actually yesterday, with 100 W I got a bad report (bassy and 5/9), but with 150 W, same day, time, band and antenna it goes to 5/9+20 and some "what a good signal and audio quality !!!". Regarding to the mods, we don?t have Yaesu dealers here, so I didn?t do it yet. I am looking for a step-by-step in order to do by myself. I?ll let you know the results. 73 --- backhoefade wrote: First of all, realize that 150 Watts vs 100 Watts is only
10*log(150/100) = 1.76 dB which is very little return in added fade margin for a likely big increase in heat so it's a lousy trade-off.
6 dB is one S unit so the 150 Watts buys you nil.
The only time I recommend cranking up F15 is during AM operation and that's just to give the PA a little more headroon on peaks.
Actually if you can "train yourself" psychologically to run 75 Watts without feeling like a wimp, you will find yourself getting virtually the same success as 100 Watts since you're only down about 1.25 dB.

On SSB set the MIC GAIN (or PRO gain if PRO is enabled) to 65 and talk in a very slightly elevated voice about 4 inches from the mic.

You have got to get that stupid plastic baffle out of the mic to make your rig come alive. It's an amazing improvement. Believe me. I just modded mine. Once you have the mic modified you can experiment with the MIC DSP settings. You will probably find the you want it on setting "2" since that gives you the mid-range frequency emphasis. But there's a little trick with the MIC DSP when you're running AM with the PRO enabled. Now you will probably want to set the MIC DSP to setting "1" which helps to take the harsh edge off of the processor effect. Unless you're contesting DX; then leave the MIC DSP on setting "2" or just turn it off.

Let me know how you do with the mic mod. I just don't hardly believe Yaesu made such a big compromise with that "wind baffle" but they did. It's like driving a high performance sports car around town with the emergency brake half pulled on! Get that "brake" out of there. Let me know how it works out for you.
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> Could you suggest me some settings for SSB ?
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# 12550. Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 23:24:13 UTC
From: backhoefade
Topic: 12538  Message: 12550

Here's the science. In terms of linearity the F15 control actually does allow the PA to run at a higher power level while still operating linearly. Look at the envelope with an oscilloscope and the spectral re-growth with a spectrum analyzer and you'll find that it does very nicely at around 140 Watts PEP output. The only issue is the thermal concern and the peak RF power rating of the devices. It will run hotter and the devices may fail. But there is no increase in "splatter" in terms of IMD. Still, we don't recommend cooking those devices for less than 2 dB of increased system gain. That's a complete waste. What I enjoy doing sometimes is driving my SB-220 with the FT-100D. Now that's a true 10 dB increase and the FT-100 just purrs along. Gotta use a little matching network between the two units but that's a different matter. The SB-220 works well once you've installed the Harbach solid state relay control interface. --- In FT100@y..., "Cliff Bryant" wrote: > Let's apply a little science here can we? > > A 20dB signal increase would be the same as going from 100W to 10kW !!!! > > If you drive the PA at 150W you will likely be spreading badly on the > bands and shorten the life > of the PA. > > Cliff, G4PZK > > > -----Original Message----- > From: luiz lissoni [mailto:py2mrd@y...] > Sent: 25 February 2002 20:07 > To: Cliff Bryant > Subject: Re: [FT100] Re: Full power and Processor - Help > > > Hi ! > > Tanks again and I´ll try it today. In spite of the dB > formula, in the real world, actually yesterday, with > 100 W I got a bad report (bassy and 5/9), but with 150 > W, same day, time, band and antenna it goes to 5/9+20 > and some "what a good signal and audio quality !!!". > > Regarding to the mods, we don´t have Yaesu dealers > here, so I didn´t do it yet. > > I am looking for a step-by-step in order to do by > myself. > > I´ll let you know the results. > > 73 > --- backhoefade wrote: > > > > > > > First of all, realize that 150 Watts vs 100 Watts is > only
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# 12551. RE: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-25 23:44:26 UTC
From: Cliff Bryant
Topic: 12538  Message: 12551

Interesting, so the devices will stand the extra power. I'd be very interested to hear by how much the harmonics increase with the extra power (before the output filter network), the designers usually allow headroom of course.
I completely agree about the thermal concerns.
The questions are thus: Is it worth getting 2dB extra output (As you indicate below, no of course it isn't and the 20dB report is due to conditions or a poorly calibrated meter) and secondly even though the PA can develop the extra power can the output filter and even the output connector handle it? Hmmm I'm sticking to 100W (or less).

Noted about driving the 220 from the radio. I've never run QRO from the mobile (I only use my FT100 in the car) and we are restricted to 26dBW over here in any case. I use an IC2KL in the shack with an Icom radio and the rig is quite comfortable at the lower drive although the amplifier is not the cleanest around if driven hard.

For the record I took my (elderly) FT100 to be mended today. It's the fourth time as I recall and out of warranty. This time the VHF/UHF output had gone QRP. I was on this group when the rig first came out and left it before I read about the fan modifications and thermal switch addition. My rig has always been well ventilated in the car (or so I thought). I've asked them to add the thermal switch and I may add the resistor to the unit.

Have you tried increasing the drive level and if so how high did it go?

Cliff, G4PZK

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: 25 February 2002 23:24
To: Cliff Bryant
Subject: [FT100] Re: Full power and Processor - Help

Here's the science. In terms of linearity the F15 control actually does allow the PA to run at a higher power level while still operating linearly. Look at the envelope with an oscilloscope and the spectral re-growth with a spectrum analyzer and you'll find that it does very nicely at around 140 Watts PEP output.
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What I enjoy doing sometimes is driving my SB-220 with the FT-100D.

Now that's a true 10 dB increase and the FT-100 just purrs along.
Gotta use a little matching network between the two units but that's
a different matter. The SB-220 works well once you've installed the
Harbach solid state relay control interface.

<snip>

[Non-text portions of this message have been removed]

# 12552. Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 01:06:20 UTC
From: backhoefade
Topic: 12538  Message: 12552

I agree. I run mine at 100 Watts PEP most of the time. When I run FM on 10 meters I run it at 50 Watts since the rig is thermally sized for 100 Watts rms CW power out at roughly 50% effective duty cycle. So you really have to watch it on HF FM. For HF AM you set F51 for 25 Watts unmodulated output carrier. Then, per AM theory, the peak envelope power is 6 dB (4x) higher than the unmodulated carrier power. So you get your 100 Watts PEP AM that way. The highest I think I've seen come out of this little rig is about 170 Watts. We don't make that a habit - no way. The maximum power out varies depending on the band. Sometimes I run the rig at its absolute minimum output on 40 meter CW. You see about 3.5 Watts output when the power control is dialed all the way down to "zero".
73's N6AF Chas

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
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> can develop the extra power can the output filter and even the
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> connector handle it? Hmmm I'm sticking to 100W (or less).
>
> Noted about driving the 220 from the radio. I've never run QRO from
the
> mobile (I only use my FT100 in the car) and we are restricted to
26dBW
> over here in any case. I use an IC2KL in the shack with an Icom
radio
> and the rig is quite comfortable at the lower drive although the
> amplifier is not the cleanest around if driven hard.
>
> For the record I took my (elderly) FT100 to be mended today. It's
the
> fourth time as I recall and out of warranty. This time the VHF/UHF
> output had gone QRP. I was on this group when the rig first came
out and
> left it before I read about the fan modifications and thermal switch
> addition. My rig has always been well ventilated in the car (or so I

> thought). I've asked them to add the thermal switch and I may add
the
> resistor to the unit.
>
> Have you tried increasing the drive level and if so how high did it
go?
>
> Cliff, G4PZK
>
>
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: 25 February 2002 23:24
> To: Cliff Bryant
> Subject: [FT100] Re: Full power and Processor - Help
>
>
> Here's the science. In terms of linearity the F15 control actually
> does allow the PA to run at a higher power level while still
> operating linearly. Look at the envelope with an oscilloscope and
> the spectral re-growth with a spectrum analyzer and you'll find
that
> it does very nicely at around 140 Watts PEP output.
> The only issue is the thermal concern and the peak RF power rating
of
> the devices. It will run hotter and the devices may fail. But
there
> is no increase in "splatter" in terms of IMD. Still, we don't
> recommend cooking those devices for less than 2 dB of increased
> system gain. That's a complete waste.
> What I enjoy doing sometimes is driving my SB-220 with the FT-
100D.
> Now that's a true 10 dB increase and the FT-100 just purrs along.
> Gotta use a little matching network between the two units but
that's
> a different matter. The SB-220 works well once you've installed
the
> Harbach solid state relay control interface.
>
> <snip>
>
>
>
> [Non-text portions of this message have been removed]

# 12553. Re: NOT for Sale FT-100D/mic mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 00:01:51 UTC
From: ft100guy
Topic: 12528  Message: 12553

My anger was with regards to the generally
restricted "muffled" transmit audio that is common and unfortunately
normal for all FT-100 and FT-100D rigs. I followed Richy's advise and
modified the mic. Amazing result. There's another guy in Redding
that's going to do it tomorrow. Richy suggested turning the "baffle"
that's in front of the electret element. I went a step further; I
took the dang thing out completely! Then my XYL jammed a needle
through the 3rd hole that's blocked in the stock mic and voila, done
deal. Just great. I was on my way out. This rig is like a turbo
Porsche with a restricted intake. I opened it up. Now it sceams.
Not for sale now. Not a chance.
Yahoo!
N6AF Chas

LOL, I told you guys so!! You thought I was pulling your coax! My
audio was the talk of the town after modding the mic.. Noone believed
it was an FT100. Takes about 15 minutes start to finish but well
worth the time.. Take the sock outta your mouth, mod the mic!!!

For a simulated audio demo see below:

Before mic mod: "A can of peas"...
After mic mod: "73's" (See the difference!!)

# 12554. Re: Here's a new problem!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 00:09:25 UTC
From: ft100guy
Topic: 12518  Message: 12554

Knock knock knock... Is this thing on? Do the mic mod, punch out
the third hole and reorient the baffle (or according to Chas, remove
it altogether). You will be amazed!

PS, set the mic gain to 63 and set tx dsp to "dsp1"

Regards.. Richy N2ZD

# 12555. Re: For Sale FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 02:17:50 UTC
From: Bob Evans
Topic: 12528  Message: 12555

I'll give you $725 if you'll take the AM filter out.

Bob K5WA

>>>>>>>>Message: 9
Date: Sun, 24 Feb 2002 23:19:59 -0000
From: "backhoefade" <cgarner@...>
Subject: For Sale FT-100D

FT-100D with AM filter and both factory mods.
I'll pay shipping. You send a certified check for
$700. Once received, you get it.
N6AF Charles

# 12556. Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 02:35:29 UTC
From: kc8nst
Topic: 12556  Message: 12556

Since I haven't seen any instructions for removing the plastic baffle from the mic, I am assuming it must be easy. Before I take the mic apart is there anything I should watch out for.
KC8NST

# 12557. RE: [FT100] Re: Full power and Processor - Help(mic mod)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 04:19:42 UTC
From: Tom Tishken KD4WOV
Topic: 12538  Message: 12557

does the mic mod increase the noise pick up of the mic? Or restated, will the mic pick up more road noise when the baffle is removed and the 3rd hole opened up?

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Monday, February 25, 2002 12:39 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Full power and Processor - Help

Realize that the PROcessor control does not adjust the compression percentage. That is set at the factory. I checked this with an oscilloscope myself. The "PRO" level setting is just an independant MIC GAIN setting that over-rides the regular MIC GAIN setting whenever you have the PRO enabled. You can prove that to yourself by turning on the PRO, setting the level "within" the PRO button to about 65 in SSB and then going to the standard MIC GAIN control and setting it to ZERO. You will still have normal mic level.
The PRO works OK on the FT-100D, not great, but it helps sometimes for DX. I use it sometimes on AM operation. The trick there is too never set the PRO level (when using PRO) or the MIC GAIN control (when not using PRO) higher than about 17 or so. Also, for a bit more linear AM operation on peaks, set F15 (for HF) so your peak output power is around 125 Watts, rather than the standard 100 Watts. In CW mode though never run above 100 Watts; unless you like the idea of an early grave for your final amp devices.

If you want excellent audio with the FT-100D you have to operate on the stock mic. Remove the plastic "baffle" that's in front of the electret mic element and also open up the 3rd tiny hole in the front of the mic. People won't believe you're using an FT-100D. That mod is courtesy of Richy. But I believe he has abandoned ship and gone over the the TS-2000 world.
N6AF Chas

--- In FT100@y..., "py2mrd" <py2mrd@y...> wrote:
> All, is there applying full power (150W)and this porcedure could
> damage the rig ?
>
> And regarding Processor, a lot of friends of mine have only bad
> reports using it. Is it normal ?
>
> Tks

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# 12558. Re: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 02:02:57 UTC
From: Mike May
Topic: 12538  Message: 12558

Cliff,

You may want to add some transzorb surge supressors to the 13.8 volt dc line coming in to the radio to protect the finals once you get your radio back as my V/U final device blew while I was receiving, I never put the radio in transmit at all when the final died. I was rxing and then I smelled burning silicon, felt the radios side and it burnt my hand. Turned out it was most likely a voltage spike from my car that took the final out, the short was punch thru from drain to gate. I now have 15 volt transzorbs on the dc line coming in and also have them on the bias lines to each pa section. Also I found the stock V/U finals biasing pots scheme leaves a lot to be desired, the Vgs range on my radios V/U stage was 8.5 to 9.0 volts which is at the maximum range for the VHF/UHF finals specs, as a result I changed the configuration of the biasing pot on the V/U final so I could set it to my liking IE from about 2.5 volts up to 5 volts max and so far so good with a new device in there.

Mike
WB8VLC/7

Cliff Bryant wrote:

> Interesting, so the devices will stand the extra power. I'd be very
> interested to hear by how much the harmonics increase with the extra
> power (before the output filter network), the designers usually allow
> headroom of course.
> I completely agree about the thermal concerns.
> The questions are thus: Is it worth getting 2dB extra output (As you
> indicate below, no of course it isn't and the 20dB report is due to
> conditions or a poorly calibrated meter) and secondly even though the
> PA
> can develop the extra power can the output filter and even the output
> connector handle it? Hmmm I'm sticking to 100W (or less).
>
> Noted about driving the 220 from the radio. I've never run QRO from
> the
> mobile (I only use my FT100 in the car) and we are restricted to 26dBW
>
> over here in any case. I use an IC2KL in the shack with an Icom radio
> and the rig is quite comfortable at the lower drive although the
> amplifier is not the cleanest around if driven hard.
>
> For the record I took my (elderly) FT100 to be mended today. It's the
> fourth time as I recall and out of warranty. This time the VHF/UHF
> output had gone QRP. I was on this group when the rig first came out

> and
> left it before I read about the fan modifications and thermal switch
> addition. My rig has always been well ventilated in the car (or so I
> thought). I've asked them to add the thermal switch and I may add the
> resistor to the unit.
>
> Have you tried increasing the drive level and if so how high did it
> go?
>
> Cliff, G4PZK
>
>
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@...]
> Sent: 25 February 2002 23:24
> To: Cliff Bryant
> Subject: [FT100] Re: Full power and Processor - Help
>
>
> Here's the science. In terms of linearity the F15 control actually
> does allow the PA to run at a higher power level while still
> operating linearly. Look at the envelope with an oscilloscope and
> the spectral re-growth with a spectrum analyzer and you'll find that
> it does very nicely at around 140 Watts PEP output.
> The only issue is the thermal concern and the peak RF power rating of
> the devices. It will run hotter and the devices may fail. But there
> is no increase in "splatter" in terms of IMD. Still, we don't
> recommend cooking those devices for less than 2 dB of increased
> system gain. That's a complete waste.
> What I enjoy doing sometimes is driving my SB-220 with the FT-100D.
> Now that's a true 10 dB increase and the FT-100 just purrs along.
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> Harbach solid state relay control interface.
>
> <snip>
>
>
>
> [Non-text portions of this message have been removed]
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 12559. Re: [FT100] Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 05:16:54 UTC
From: Scott Kamm
Topic: 12556  Message: 12559

Just take your time if your not too sure of yourself.Once you opened the mic,carefully pry the rubber gromet up for it's seat and the baffle will fall out.Don't forget to drill mout the third hole.

kc8nst wrote:

> Since I haven't seen any instructions for removing the plastic baffle
> from the mic, I am assuming it must be easy. Before I take the mic
> apart is there anything I should watch out for.
> KC8NST
>
>
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# 12560. RE: [FT100] Re: Full power and Processor - Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 09:33:19 UTC
From: Cliff Bryant
Topic: 12538  Message: 12560

Mike

Thanks for this info. For the record I was transmitting when I saw the output drop (a sickening feeling - I was driving in the horizontal pouring rain in pitch black around a scottish loch at the time to complete the picture!). Transzorbs definitely wouldn't hurt I agree. The biasing issue is interesting as well. As I recall they have those really tiny pots on board. I'll take a look at the circuit. This radio is rapidly becoming a kit in some ways.

Cliff, G4PZK

-----Original Message-----
From: Mike May [mailto:mike.may@...]
Sent: 26 February 2002 02:03
To: Cliff Bryant
Subject: Re: [FT100] Re: Full power and Processor - Help

Cliff,

You may want to add some transzorb surge supressors to the 13.8 volt dc line coming in to the radio to protect the finals once you get your radio back as my V/U final device blew while I was receiving, I never put the radio in transmit at all when the final died. I was rxing and then I smelled burning silicon, felt the radios side and it burnt my hand. Turned out it was most likely a voltage spike from my car that took the final out, the short was punch thru from drain to gate. I now have 15 volt transzorbs on the dc line coming in and also have them on the bias lines to each pa section. Also I found the stock V/U finals biasing pots scheme leaves a lot to be desired, the Vgs range on my radios V/U stage was 8.5 to 9.0 volts which is at the maximum range for the VHF/UHF finals specs, as a result I changed the configuration of the biasing pot on the V/U final so I could set it to my liking IE from about 2.5 volts up to 5 volts max and so far so good with a new device in there.

Mike
WB8VLC/7

<snip>

[Non-text portions of this message have been removed]

# 12561. Re: [FT100] Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 13:43:28 UTC
From: luiz lissoni
Topic: 12556  Message: 12561

I am just opening the mic but it?s very difficult to take out the board. I believe there?s something else than the tree screws ??? --- Scott Kamm wrote: Just take your time if your not too sure of yourself.Once you opened the
mic,carefully pry the rubber gromet up for it's seat and the baffle will fall
out.Don't forget to drill mout the third hole.

kc8nst wrote:

> Since I haven't seen any instructions for removing the plastic baffle
> from the mic, I am assuming it must be easy. Before I take the mic
> apart is there anything I should watch out for.
> KC8NST
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 12562. Re: Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 14:07:22 UTC
From: ki5mp
Topic: 12556  Message: 12562

You've probably already discovered it, but you must also remove the tiny screw that secures the PTT microswitch to the board. There will be four screws altogether that hold the circuit board down. I just completed the mod on mine last night. I'll be interested in what kind of difference it makes, if any. I received excellent audio reports already, but based on what Richy and Chas said, I performed the mod anyway... We'll see... Good luck, Mike KI5MP --- In FT100@y..., luiz lissoni wrote: > I am just opening the mic but it´s very difficult to > take out the board. I believe there´s something else > than the tree screws ??? > > > --- Scott Kamm wrote: > > > > > > > Just take your time if your not too sure of > yourself.Once you opened the
> mic,carefully pry the rubber gromet up for it's seat > and the baffle will fall
> out.Don't forget to drill mout the third hole.
>
> kc8nst wrote:
>
> > Since I haven't seen any instructions for > removing the plastic baffle
> > from the mic, I am assuming it must be > easy. Before I take the mic
> > apart is there anything I should watch out > for.
> > KC8NST
> >
> >
> > Post > message: > FT100@y...
> > > Subscribe: > FT100-subscribe@y...
> > > Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> > List > owner: ; &nbs p; > FT100-owner@y...
> > FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100faq.html
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src="http://us.a1.yimg.com/us.yimg.com/a/sh/sharebuilder/300x250_blue_ gen_msn.gif" >
alt="" width="300" height="250" > border="0">
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> Subscribe: > FT100-subscribe@y...
> Unsubscribe: &nbs p; > FT100-unsubscribe@y...
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# 12563. RE: [FT100] Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 14:08:46 UTC
From: Eric van de Weyer
Topic: 12556  Message: 12563

The screw holding the PTT switch also has to come out. 73....Eric VK2KUR. -----Original Message----- From: luiz lissoni [mailto:py2mrd@...] Sent: Wednesday, 27 February 2002 12:43 AM To: FT100@yahoogroups.com Subject: Re: [FT100] Mic Mod I am just opening the mic but it?s very difficult to take out the board. I believe there?s something else than the tree screws ??? --- Scott Kamm wrote: Just take your time if your not too sure of yourself.Once you opened the
mic,carefully pry the rubber gromet up for it's seat and the baffle will fall out.Don't forget to drill mout the third hole.

kc8nst wrote:

> Since I haven't seen any instructions for removing the plastic baffle
> from the mic, I am assuming it must be easy. Before I take the mic
> apart is there anything I should watch out for.
> KC8NST
>
>
> Post message: FT100@yahoogroups.com
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# 12564. Re: [FT100] unsubscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 14:33:48 UTC
From: k4pde@aol.com
Topic: 945  Message: 12564

In a message dated 2/25/02 9:05:42 AM Pacific Standard Time, otto@...
writes:

> : FT100-unsubscribe@yahoogroups.com
>

please do
Paul

[Non-text portions of this message have been removed]

# 12565. Re: [FT100] Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 15:43:04 UTC
From: Pres Waterman
Topic: 12556  Message: 12565

> I am just opening the mic but it?s very difficult to
> take out the board. I believe there?s something else
> than the tree screws ???

Yes, there is. I can't remember, but it is a disguised screw. Something to do with the PTT switch/bar/something area. Sorry I can't give more than a hint.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12566. Pot in the mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 16:30:14 UTC
From: John McClain
Topic: 12566  Message: 12566

So what does that tiny pot in the mic adjust anyhow?

John
K7SVV@...

# 12567. Re: [FT100] Pot in the mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 17:12:09 UTC
From: Pres Waterman
Topic: 12566  Message: 12567

> So what does that tiny pot in the mic adjust anyhow?

Probably touch-tone level

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12568. Re: Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 18:00:58 UTC
From: backhoefade
Topic: 12556  Message: 12568

You're right. Take out the 3 "bigger" screws and also the one that's in the little micro-switch. --- In FT100@y..., luiz lissoni wrote: > I am just opening the mic but it´s very difficult to > take out the board. I believe there´s something else > than the tree screws ??? > > > --- Scott Kamm wrote: > > > > > > > Just take your time if your not too sure of > yourself.Once you opened the
> mic,carefully pry the rubber gromet up for it's seat > and the baffle will fall
> out.Don't forget to drill mout the third hole.
>
> kc8nst wrote:
>
> > Since I haven't seen any instructions for > removing the plastic baffle
> > from the mic, I am assuming it must be > easy. Before I take the mic
> > apart is there anything I should watch out > for.
> > KC8NST
> >
> >
> > Post > message: ; > FT100@y...
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> > > Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> > List > owner: &nbs p; > FT100-owner@y...
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face=arial size=-2>ADVERTISEMENT
href="http://rd.yahoo.com/M=217097.1902236.3397169.1261774/D=egroupweb/S=1705063108:HM/A=960173/R=0/*http://service.bfast.com/bfast/click?bfmid=29150849&siteid=39249818&bfpage=moneyyahoo4" >
src="http://us.a1.yimg.com/us.yimg.com/a/sh/sharebuilder/300x250_blue_ gen_msn.gif" >
alt="" width="300" height="250" > border="0">
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src="http://us.adserver.yahoo.com/l?
M=217097.1902236.3397169.1261774/D=egroupmail/S=1705063108:HM/A=960173 /rand=564068988">
>
> > > > >
> > Post > message: > FT100@y...
> Subscribe: > FT100-subscribe@y...
> Unsubscribe: ; &nbs p; > FT100-unsubscribe@y...
> List > owner: &nbs p; > FT100-owner@y...
> FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa
q.html
>
> We are all a part of this Lets make it as good as > possible. >
> >
> Your use of Yahoo! Groups is subject to the
href="http://docs.yahoo.com/info/terms/">Yahoo! Terms > of Service. > > > > > > > >
_____ > Do You Yahoo!? > Yahoo! Sports -
Coverage of the 2002 Olympic Games > http://sports.yahoo.com

# 12569. Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 18:07:42 UTC
From: John McClain
Topic: 12569  Message: 12569

I just operated on my mic by removing the baffle and drilling out the third hole. I only had one serious problem and there is going to be heck to pay when my wife gets home from work because of it. I BENT her sewing needle while drilling out the third hole. I was never very happy with the resistor/fan mod because it made too much noise here in the shack so I added a second 47ohm resistor in series with the first and now the fan noise is at a more acceptable level. I just hope that it is moving enough air now.

When I put everything back together again, I got on 10 meters and got a very good audio report on SSB. I will be on 10 FM later today where I hope to get some more good reports.

John
K7SVV@...

# 12570. Mic plugs and swapping them

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 18:53:53 UTC
From: kg4fet
Topic: 12570  Message: 12570

Guys just want pass on this little tid bit of info to you in the group who want/need to build some sort of switch box for your mics that you use often and hate to pull the face off the rig to change them. I use 2 (usually) mics on the FT 100 when I am at home. one is the hand mic, used for casual rag chewing, 2 mtrs nets ect. I use the Heil PROSET 5 for the same reasons plus if I am working on the bench and need both hands or if I am contesting . I swap between these 2 mics a couple of times a day. Okay enough on the back ground of the project here. Now on to what I did and how I did it.

I found a couple of 10 ft 6 wire phone wires in a dumpster down the street where a building is being remodled. This solved the really troubling part of where to get the 6 pin modular connector and not have to pay the 25.00 min order plus the shipping from a parts house. I cut a short length of one of these with a 6 pin connector on the end as the feed for the rigs plug. I wired 3 wires from this feed to a 4 pole 3 position switch as my constants. For the hand mics connections I wired SW1, MIC IN, and Ground to the switch (these would be pins 1,2,and 3 when looking at the back of the 6 pin connector from left to right) and bypassed +9v, N.C. because there was a wire there in the hand mic, and SW2 direct to the front panel connection. Now for the FUN part. Here is where it gets interesting. For those of you who want to roll their own adapter it can be done here. For the wire that is to be hooked in the place of SW1 place in parallel a 21K resitor and a tatalum capaciter. The only thing printed value wise is 102 on my adapter. Connect the free end of the resister to what ever would be your key wire in the mic you plan to use. For the MIC IN (audio in) wire it to the correct pin. Wire the last wire (ground) to it's appropriate pin with the free lead of the capaciter. Instant adapter!!! AT this point you will be able to wire what ever mic you chose to and you can swap between the mic you are working on and the stock mic for instant comparisons there are tons of variations on this connection but if you wanted to plug your Heil headset directly to the switch box WITHOUT the need for any adapter at all You will need a 1/4 inch MONO ( RS CAT # 272-252 2 for 1.99) or an 1/8 inch mono panel mount phone jacks if you use an adapter for the PTT and a 1/8 inch MONO plug panel mount phone jack (RS CAT # 274-251 3 for 2.49) using the same wiring as above hook the 21K resistor to the hot section of the 1/4 inch plug and wire your MIC IN to the hot or center pin of the 1/8th inch mono plug. Tie the 2 grounds to the capaciters free lead and away you go! Again as I said the variations are endless but I touched on the Heil one as I know that many of you are using the Heil mics.

I coverd a lot of stuff above and if there are any questions please
feel free to email me and I will clarify any points that you wish.
Email me at kg4fet@....
73 and all the best
DE KG4FET Sandor PROUD OWNER OF YAESU'S FT 100 AND ATATS 100

# 12571. DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 19:09:24 UTC
From: Paul Rogers
Topic: 12571  Message: 12571

I don't know if this subject has been covered before, but here goes anyway.

I want to use my FT100 in 3 areas, from home, in the car daily and also in my Motorhome (RV).

I don't want to pay 30 UKP for each of the DC cables, so has anyone come up with an alternative method.

Thanks in advance.

Paul
G0SNW

# 12572. Re: [FT100] Mic plugs and swapping them

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 19:14:48 UTC
From: Pres Waterman
Topic: 12570  Message: 12572

> I found a couple of 10 ft 6 wire phone wires in a dumpster down the
> street where a building is being remodled. This solved the really
> troubling part of where to get the 6 pin modular connector and not
> have to pay the 25.00 min order plus the shipping from a parts house.

I believe Radio Shack has 6-conductor RJ-12 modular phone plugs. They most definitely have a 6-pin wall socket, so you could merely make a short plug-to-socket extension, and plug the mic into the wall socket. They even have, I believe, a 6-pin joiner like the mic extension cable, so you could have more of a pigtail effect.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12573. ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 19:21:03 UTC
From: DOCDC@AOL.COM
Topic: 1596  Message: 12573

I have an FT-100 early serial # no mods and an ATAS antenna for sale. If anyone is ineterested, E-mail me for details and my home Fone #

Thanks
Dale
KC8FAQ

# 12574. Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 19:29:58 UTC
From: kg4fet
Topic: 12571  Message: 12574

--- In FT100@y..., "Paul Rogers" <plprogers@l...> wrote:
> I don't know if this subject has been covered before, but here goes anyway.
>
> I want to use my FT100 in 3 areas, from home, in the car daily and also in
> my Motorhome (RV).
>
> I don't want to pay 30 UKP for each of the DC cables, so has anyone come up
> with an alternative method.
>
> Thanks in advance.
>
> Paul
> G0SNW

Paul,
WWW.POWERX.COM has an alternative to the Yaesu cord. In fact it is listed (or was the last time I checked) under an area of FT 100 only adapters and accessories. Give them a look see first. I would reccomend that you do not use any connectors that are rated at less then 25 amps. The FT 100 draws (mine does anyway)at least 20 amps on 2 mtr fm 50 watts and as much as 22 amps at voice peaks on SSB on HF and VHF. The ones that Radio Shack sells rated at 20 amps will not hold up under this kind of load fof very long. They tend to get VERY VERY hot and in some cases melt under prolonged usage. The ones at POWERX will demand that you cut the power cable some where. I would also recommend that you have a 30 amp fuse in line ON BOTH THE GROUND AND THE HOT leads on each of the other 2 cables you build. I would also recommend that if the power lead is to be longer then the original Yaesu cable I would use 8 gauge wire rather then 10 gauge. The reasoning for this would be to make sure you are getting the righ amount of amperage and have the lowest possible voltage drop from the battery to the rig. If the voltages drop below 13 volts the FT 100's RX seems to suffer and at 12.5 volts it is very noticeable, at 12 volts the rig is all but usless
GOOD LUCK AND 73
DE KG4FET Sandor

# 12575. Re: [FT100] Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 19:31:50 UTC
From: Pres Waterman
Topic: 12571  Message: 12575

> and VHF. The ones that Radio Shack sells rated at 20 amps will not
> hold up under this kind of load fof very long. They tend to get VERY
> VERY hot and in some cases melt under prolonged usage. The ones at

Radio Shack sells them too?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12576. RE: [FT100] DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 20:27:28 UTC
From: Benjie Downs
Topic: 12571  Message: 12576

I use a fast concet. I did have to cut the plug. It works Great. Just be sure to get a heave duty Plug.

-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: Tuesday, February 26, 2002 1:09 PM
To: FT100@yahoogroups.com
Subject: [FT100] DC Cable

I don't know if this subject has been covered before, but here goes anyway.

I want to use my FT100 in 3 areas, from home, in the car daily and also in my Motorhome (RV).

I don't want to pay 30 UKP for each of the DC cables, so has anyone come up with an alternative method.

Thanks in advance.

Paul
G0SNW

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 12577. Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 21:39:07 UTC
From: plprogers
Topic: 12571  Message: 12577

Thanks Sandor

I tried the link to www.powerx.com but without success any other ideas?

Paul

> Paul,
> WWW.POWERX.COM has an alternative to the Yaesu cord. In fact it is
> listed (or was the last time I checked) under an area of FT 100 only
> adapters and accessories. Give them a look see first. I would
> reccomend that you do not use any connectors that are rated at less
> then 25 amps. The FT 100 draws (mine does anyway)at least 20 amps on
> 2 mtr fm 50 watts and as much as 22 amps at voice peaks on SSB on HF
> and VHF. The ones that Radio Shack sells rated at 20 amps will not
> hold up under this kind of load fof very long. They tend to get VERY
> VERY hot and in some cases melt under prolonged usage. The ones at
> POWERX will demand that you cut the power cable some where. I would
> also recommend that you have a 30 amp fuse in line ON BOTH THE GROUND
> AND THE HOT leads on each of the other 2 cables you build. I would
> also recommend that if the power lead is to be longer then the
> original Yaesu cable I would use 8 gauge wire rather then 10 gauge.
> The reasoning for this would be to make sure you are getting the righ
> amount of amperage and have the lowest possible voltage drop from the
> battery to the rig. If the voltages drop below 13 volts the FT 100's
> RX seems to suffer and at 12.5 volts it is very noticeable, at 12
> volts the rig is all but usless
> GOOD LUCK AND 73
> DE KG4FET Sandor

# 12578. for sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:01:05 UTC
From: DOCDC@AOL.COM
Topic: 7928  Message: 12578

I have an FT-100 early serial # no mods and an ATAS antenna for sale. If anyone is ineterested, E-mail me for details and my home Fone #

I forgot my email address in the first message. It is:
docdc@...

Thanks
Dale
KC8FAQ

# 12579. [FT100] Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:23:17 UTC
From: Howard Cunningham
Topic: 12571  Message: 12579

Paul

The correct url is http://www.powerwerx.com

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@macrollc.com

>>> plprogers@... 02/26/02 04:39PM >>>
Thanks Sandor

I tried the link to www.powerx.com but without success any other
ideas?

Paul

> Paul,
> www.POWERX.COM has an alternative to the Yaesu cord. In fact it
is
> listed (or was the last time I checked) under an area of FT 100
only
> adapters and accessories. Give them a look see first. I would
> reccomend that you do not use any connectors that are rated at less
> then 25 amps. The FT 100 draws (mine does anyway)at least 20 amps
on
> 2 mtr fm 50 watts and as much as 22 amps at voice peaks on SSB on
HF
> and VHF. The ones that Radio Shack sells rated at 20 amps will not
> hold up under this kind of load fof very long. They tend to get
VERY
> VERY hot and in some cases melt under prolonged usage. The ones at
> POWERX will demand that you cut the power cable some where. I
would
> also recommend that you have a 30 amp fuse in line ON BOTH THE
GROUND
> AND THE HOT leads on each of the other 2 cables you build. I would
> also recommend that if the power lead is to be longer then the

> original Yaesu cable I would use 8 gauge wire rather then 10
gauge.
> The reasoning for this would be to make sure you are getting the
righ
> amount of amperage and have the lowest possible voltage drop from
the
> battery to the rig. If the voltages drop below 13 volts the FT
100's
> RX seems to suffer and at 12.5 volts it is very noticeable, at 12
> volts the rig is all but usless
> GOOD LUCK AND 73
> DE KG4FET Sandor

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12580. Re: [FT100] DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 00:18:20 UTC
From: KB3DWR@aol.com
Topic: 12571  Message: 12580

Try these guys also

http://www.cablexperts.com/

73's

de
N3ONM
Olaf N. Markert

[Non-text portions of this message have been removed]

# 12581. Mobile antenna tuners

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 00:25:07 UTC
From: Russ
Topic: 12581  Message: 12581

I just bought the FT100D and still learning all of the features ! I'm looking at buying an antenna tuner for mobile operation. Any ideas / comments / suggestions on tuners....

Thanks ! K1OB

---

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[Non-text portions of this message have been removed]

# 12582. Re: [FT100] Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 01:01:43 UTC
From: Glen Farough
Topic: 12571  Message: 12582

Hello...Here is the FT-100 Power connector
http://www.powerwerx.com/oem.html
73 de Glen VE7LGF

--- plprogers <plprogers@...> wrote:
> Thanks Sandor
>
> I tried the link to www.powerx.com but without
> success any other
> ideas?
>
> Paul
>
>
> > Paul,
> > WWW.POWERX.COM has an alternative to the Yaesu
> cord. In fact it
> is
> > listed (or was the last time I checked) under an
> area of FT 100
> only
> > adapters and accessories. Give them a look see
> first. I would
> > reccomend that you do not use any connectors that
> are rated at less
> > then 25 amps. The FT 100 draws (mine does
> anyway)at least 20 amps
> on
> > 2 mtr fm 50 watts and as much as 22 amps at voice
> peaks on SSB on
> HF
> > and VHF. The ones that Radio Shack sells rated at
> 20 amps will not
> > hold up under this kind of load fof very long.
> They tend to get
> VERY
> > VERY hot and in some cases melt under prolonged
> usage. The ones at
> > POWERX will demand that you cut the power cable
> some where. I
> would
> > also recommend that you have a 30 amp fuse in line
> ON BOTH THE
> GROUND
> > AND THE HOT leads on each of the other 2 cables

> you build. I would
> > also recommend that if the power lead is to be
> longer then the
> > original Yaesu cable I would use 8 gauge wire
> rather then 10
> gauge.
> > The reasoning for this would be to make sure you
> are getting the
> righ
> > amount of amperage and have the lowest possible
> voltage drop from
> the
> > battery to the rig. If the voltages drop below 13
> volts the FT
> 100's
> > RX seems to suffer and at 12.5 volts it is very
> noticeable, at 12
> > volts the rig is all but usless
> > GOOD LUCK AND 73
> > DE KG4FET Sandor
>
>

---------------------------------------------------
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# 12583. Re: Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:43:54 UTC
From: ft100guy
Topic: 12556  Message: 12583

--- In FT100@y..., "kc8nst" <Kebix01@s...> wrote:
> Since I haven't seen any instructions for removing the plastic
baffle
> from the mic, I am assuming it must be easy. Before I take the mic
> apart is there anything I should watch out for.
> KC8NST

Simply remove the screws that hold the back on, then remove the one that holds the switch in and the screws for the circuit board, gently remove the mic element from the holder, then remove the baffle and poke open the third hole, reassemble. I did mine a while back so if I missed something, let me know. This will make the audio awesome. You can leave the baffle in if you like, simply turn it until the holes in the front of the mic case line up with the baffle cutout, this is how mine was modded.. Night and day and no other mic will be necessary.. Regards.. Richy N2ZD

# 12584. Re: Full power and Processor - Help(mic mod)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:47:35 UTC
From: ft100guy
Topic: 12538  Message: 12584

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> does the mic mod increase the noise pick up of the mic? Or
restated, will
> the mic pick up more road noise when the baffle is removed and the
3rd hole
> opened up?

Forget the processor, I busted pileups with the mic gain set for 63
and the tx dsp set for dsp1, thats it.. The mic (when modded) will
pick up no additional road noise. I had this setup in my Honda accord
with a "saggy" drivers window regulator and never a complaint about
road noise. Just do what we say and dont ask any further questions..
:-) Regards and Happy audio from Richy N2ZD

# 12585. Re: Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:49:31 UTC
From: ft100guy
Topic: 12556  Message: 12585

--- In FT100@y..., luiz lissoni <py2mrd@y...> wrote:
> I am just opening the mic but it´s very difficult to
> take out the board. I believe there´s something else
> than the tree screws ???

Remove the screw holding the ptt switch down... Richy N2ZD

# 12586. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-26 22:55:25 UTC
From: ft100guy
Topic: 12569  Message: 12586

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> I just operated on my mic by removing the baffle and drilling out
the third
> hole. clip...I got on 10 meters and got a very
> good audio report on SSB. I will be on 10 FM later today where I
hope to
> get some more good reports.
>
> John
> K7SVV@A...

I will accept paypal donations for this mod.. :-)

PS Chas, I beat you to eham with the mod news.. Look a few messages
before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD

# 12587. I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 01:22:54 UTC
From: Steve Jones
Topic: 12587  Message: 12587

the Yahoo groups and all I ever see is problems with this radio as in the FT100D. I love Yaesu gear and own the FT1000D for my HF station and was hoping to buy the FT100D with the ATLAS antenna system. But will the real radio stand up. I mean no offense to anyone who owns this radio but I see a lot more problems than pluses and even with the units after May 2001. Am I missing something or is this radio still having problems and users are just putting up with it and finding ways to modify the radio which voids the warranty!!! I mean every time I get a new post, there seems to be a new problem and gosh I don't want to buy an Icum and mean Icum 706 of any kind. Please guys help me out here and tell me the real truth, no matter how much it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
Have a great day, because if you don't someone else will!!!

73, Steve, NX1G

# 12588. AM setup

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 01:31:41 UTC
From: wa1hog
Topic: 12588  Message: 12588

I remember seeing a lot of info on how to setup the FT100 for AM operation. I finally get a AM 6KHz filter installed.
What I cant find is where the setup info was. If anyone could point me in the right direction it would be appreciated.

&#  Dennis WA1HOG

# 12589. Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:01:54 UTC
From: kg4fet
Topic: 12571  Message: 12589

--- In FT100@y..., "Paul Rogers" <plprogers@l...> wrote:
> I don't know if this subject has been covered before, but here goes anyway.
>
> I want to use my FT100 in 3 areas, from home, in the car daily and also in
> my Motorhome (RV).
>
> I don't want to pay 30 UKP for each of the DC cables, so has anyone come up
> with an alternative method.
>
> Thanks in advance.
>
> Paul
> G0SNW

Yes Paul I do have another idea and that is to look for a UK ditributor for Anderson Power Pole products. They have exactly what you are looking for. It is the product the Powerx had on their web site by the way but I had forgotten the name.
73 and all the Best
Sandor KG4FET

# 12590. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:18:44 UTC
From: backhoefade
Topic: 12569  Message: 12590

Yea - but I gave you credit all over the Internet for it so I'm cool. By the way, how's my audio? Hello, test one two (Hellllooooooo, OLA, OLA, OLA!) How copy?

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > I just operated on my mic by removing the baffle and drilling out
> the third
> > hole. clip...I got on 10 meters and got a very
> > good audio report on SSB. I will be on 10 FM later today where I
> hope to
> > get some more good reports.
> >
> > John
> > K7SVV@A...
>
>
> I will accept paypal donations for this mod.. :-)
>
> PS Chas, I beat you to eham with the mod news.. Look a few
messages
> before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD

# 12591. RE: [FT100] Re: Full power and Processor - Help(mic mod)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:24:56 UTC
From: Tom Tishken KD4WOV
Topic: 12538  Message: 12591

I usually don't use the processor, just wanted to know about additional road noise pick up. This is the same mic that is on the FT-8100 and I have been eyeballing both mics and I thought the hole was plugged. On my MH29b the LCD speaker mic for the FT-530 the hole was there but not all the way through. the audio had to come through the speaker to get to the mic, I found that out after fighting with muddy audio from the mic and I opened it up. I guess they forget about mic holes in mic quite often.

-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Tuesday, February 26, 2002 5:48 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Full power and Processor - Help(mic mod)

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> does the mic mod increase the noise pick up of the mic? Or restated, will
> the mic pick up more road noise when the baffle is removed and the 3rd hole
> opened up?

Forget the processor, I busted pileups with the mic gain set for 63 and the tx dsp set for dsp1, thats it.. The mic (when modded) will pick up no additional road noise. I had this setup in my Honda accord with a "saggy" drivers window regulator and never a complaint about road noise. Just do what we say and dont ask any further questions.. :-) Regards and Happy audio from Richy N2ZD

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12592. Re: [FT100] Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:28:37 UTC
From: John McClain
Topic: 12569  Message: 12592

And from what I hear, you deserve those donations. I was on 10 FM, where I used to get most of my bad reports, this afternoon and got glowing reports there too. Thank you very much.

John
K7SVV@...
----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Tuesday, February 26, 2002 3:55 PM
Subject: [FT100] Re: Mic and fan mods

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> I just operated on my mic by removing the baffle and drilling out the third
> hole. clip...I got on 10 meters and got a very
> good audio report on SSB. I will be on 10 FM later today where I hope to
> get some more good reports.
>
> John
> K7SVV@A...

I will accept paypal donations for this mod.. :-)

PS Chas, I beat you to eham with the mod news.. Look a few messages before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD

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# 12593. Re: [FT100] I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:35:23 UTC
From: Howard Cunningham
Topic: 12587  Message: 12593

Steve

Remember, that in most cases, the people with problems are very vocal about the problems, people that dont have problems dont say anything. I am not saying that there are not problems with the FT100, but I suspect that only a minority of people are having problems. I have owned my FT100 for about a year and bought it used and I have not had any problems.

73s
WD5DBC

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> nx1g@... 02/26/02 08:22PM >>>
the Yahoo groups and all I ever see is problems with this radio as in the FT100D. I love Yaesu gear and own the FT1000D for my HF station and was hoping to buy the FT100D with the ATLAS antenna system. But will the real radio stand up. I mean no offense to anyone who owns this radio but I see a lot more problems than pluses and even with the units after May 2001. Am I missing something or is this radio still having problems and users are just putting up with it and finding ways to modify the radio which voids the warranty!!! I mean every time I get a new post, there seems to be a new problem and gosh I don't want to buy an Icum and mean Icum 706 of any kind. Please guys help me out here and tell me the real truth, no matter how much it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
Have a great day, because if you don't someone else will!!!

73, Steve, NX1G

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# 12594. Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:32:33 UTC
From: backhoefade
Topic: 12587  Message: 12594

Get the 706. The FT-100D is not user friendly. You have to make a few mods to get it right. So unless you're looking for a superior noise blanker, a superior receiver in terms of overload and adjacent channel rejection, variable bandpass DSP for superb CW contesting, the ability to tune above 470 MHz and a real cool looking rig, I'd go for the 706. The 706 is like a reliable Chevy NOVA. Its performance is kinda limited but it's just plain reliable. The FT-100D is the superior performer but you will spend about 3 months learning how to drive it, plus you have to make the two internal mods and the mic mod to really get it right. And you have to buy the AM filter to run AM. And the Instruction Manual is lacking a lot of basic info. See how someone just posted a question on how to set up for basic AM operation. He shouldn't have to ask that question. I like my FT-100D and I'd probably buy it again since I like CW op and I like monitoring above 470 MHz. It's just a pain to get to know the rig.
N6AF Chas

--- In FT100@y..., "Steve Jones" <nx1g@r...> wrote:
> the Yahoo groups and all I ever see is problems with this radio as in the
> FT100D. I love Yaesu gear and own the FT1000D for my HF station and was
> hoping to buy the FT100D with the ATLAS antenna system. But will the real
> radio stand up. I mean no offense to anyone who owns this radio but I see a
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> Please guys help me out here and tell me the real truth, no matter how much
> it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
> Have a great day, because if you don't someone else will!!!
>
> 73, Steve, NX1G

# 12595. RE: [FT100] I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 02:59:21 UTC
From: Cliff Bryant
Topic: 12595  Message: 12595

Steve

Remember also that the people with the problems may also be the people who have to pay for the repairs!

I have no facts as to the number of people that have had problems as a percentage of the total customers so it is impossible to draw any conclusions, all other statements are meaningless. I suspect that the governments of the world are run by aliens but I have no facts if you get my drift.

Go read the IC706 reflector and talk to lots of friends if you can and draw your own conclusions. Personally I like my FT100 especially with the ATAS.

I hope they mend it soon!

73 de Cliff

-----Original Message-----
From: Howard Cunningham [mailto:howardc@...]
Sent: 27 February 2002 02:35
To: FT100@yahoogroups.com
Subject: Re: [FT100] I have read everything from Eham, reflectors,to...

Steve

Remember, that in most cases, the people with problems are very vocal about the problems, people that dont have problems dont say anything. I am not saying that there are not problems with the FT100, but I suspect that only a minority of people are having problems. I have owned my FT100 for about a year and bought it used and I have not had any problems.

73s
WD5DBC

Howard Cunningham
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howardc@...
for service: service@...

>>> nx1g@... 02/26/02 08:22PM >>>
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putting up with it and finding ways to modify the radio which voids the
warranty!!! I mean every time I get a new post, there seems to be a new
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kind.
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Have a great day, because if you don't someone else will!!!

73, Steve, NX1G

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[Non-text portions of this message have been removed]

# 12596. Re: [FT100] I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 03:10:55 UTC
From: Steve Jones
Topic: 12595  Message: 12596

Howard I don't just see a few of them I see a lot of them and they are the same problems and too many not to have some truth to them!!! I mean no offense but the biggest was is a overheating problem that requires a diode to be placed in the fan wire. I mean what is up with that. If the radio has a problem like that it should be fixed by Yaesu. If you cut and modify a radio under warranty, you know as well as I do you can kiss the warranty goodbye. I appreciate the feedback though but there has to be something to this for so many people to be having and reporting the same problems over and over. 73, Steve

----- Original Message -----
From: Howard Cunningham
To: FT100@yahoogroups.com
Sent: Tuesday, February 26, 2002 9:35 PM
Subject: Re: [FT100] I have read everything from Eham, reflectors,to...

Steve

Remember, that in most cases, the people with problems are very vocal about the problems, people that dont have problems dont say anything. I am not saying that there are not problems with the FT100, but I suspect that only a minority of people are having problems. I have owned my FT100 for about a year and bought it used and I have not had any problems.

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73, Steve, NX1G

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[Non-text portions of this message have been removed]

# 12597. RE: [FT100] DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 12:21:41 UTC
From: Eric van de Weyer
Topic: 12571  Message: 12597

My solution was to remove the original plug/socket and replace them with Anderson Powerpoles. Surely the greatest connectors available for 12V operation.

73....Eric VK2KUR.
-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: Wednesday, 27 February 2002 6:09 AM
To: FT100@yahoogroups.com
Subject: [FT100] DC Cable

I don't know if this subject has been covered before, but here goes anyway.

I want to use my FT100 in 3 areas, from home, in the car daily and also in my Motorhome (RV).

I don't want to pay 30 UKP for each of the DC cables, so has anyone come up
with an alternative method.

Thanks in advance.

Paul
G0SNW

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[Non-text portions of this message have been removed]

# 12598. RE: [FT100] Re: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 12:25:41 UTC
From: Eric van de Weyer
Topic: 12571  Message: 12598

It is actually www.powerwerx.com

73....Eric VK2KUR
-----Original Message-----
From: plprogers [mailto:plprogers@...]
Sent: Wednesday, 27 February 2002 8:39 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: DC Cable

Thanks Sandor

I tried the link to www.powerx.com but without success any other
ideas?

Paul

> Paul,
> WWW.POWERX.COM has an alternative to the Yaesu cord. In fact it
is
> listed (or was the last time I checked) under an area of FT 100
only
> adapters and accessories. Give them a look see first. I would
> reccomend that you do not use any connectors that are rated at less
> then 25 amps. The FT 100 draws (mine does anyway)at least 20 amps
on
> 2 mtr fm 50 watts and as much as 22 amps at voice peaks on SSB on
HF
> and VHF. The ones that Radio Shack sells rated at 20 amps will not
> hold up under this kind of load fof very long. They tend to get
VERY
> VERY hot and in some cases melt under prolonged usage. The ones at
> POWERX will demand that you cut the power cable some where. I
would
> also recommend that you have a 30 amp fuse in line ON BOTH THE
GROUND
> AND THE HOT leads on each of the other 2 cables you build. I would
> also recommend that if the power lead is to be longer then the
> original Yaesu cable I would use 8 gauge wire rather then 10
gauge.
> The reasoning for this would be to make sure you are getting the
righ
> amount of amperage and have the lowest possible voltage drop from
the
> battery to the rig. If the voltages drop below 13 volts the FT
100's
> RX seems to suffer and at 12.5 volts it is very noticeable, at 12

> volts the rig is all but usless
> GOOD LUCK AND 73
> DE KG4FET Sandor

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[Non-text portions of this message have been removed]

# 12599. Re: [FT100] Mobile antenna tuners

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 14:21:50 UTC
From: Lee Boulineau
Topic: 12581  Message: 12599

I use the LDG RT-11 remote tuner and head for both
mobile and portable operation - it is pretty good for
some antennas, but it won't tune everything. You might
need some Mighty Fine Junk for the tough-to-tune
stuff!!

73 de N4MVL

Lee

--- Russ <russo59@...> wrote:
>
> I just bought the FT100D and still learning all of
> the features ! I'm looking at buying an antenna
> tuner for mobile operation. Any ideas / comments /
> suggestions on tuners....
>
> Thanks ! K1OB
>
>
>
> ---------------------------------
> Do You Yahoo!?
> Yahoo! Greetings - Send FREE e-cards for every
> occasion!
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
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http://greetings.yahoo.com

# 12600. Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 14:44:58 UTC
From: Bob Evans
Topic: 12587  Message: 12600

Steve,

I think you'll find that a large percentage (not all) of the guys who have had trouble with the FT-100 have either opened it up to "modify" it or don't have a clue what proper mobile, or fixed, installation techniques include. This list is an area to learn and share good operating practices, but there have been many mistakes made before they actually get on here and blame the radio for various failures (like it won't put out a full 250 watts under water on 11 meter AM ;-). I am one of many, many owners on this list that has had zero problems with my 20 month old FT-100 and have operated the pants off of it in HF CW/SSB contest, HF CW/SSB ragchewing, PSK31, RTTY, 6M CW/SSB and UHF/VHF FM ragchewing, both mobile and fixed. I've gotten great audio reports WITHOUT the need to poke out the guts of my microphone and my CW note has always gotten good reports. I love the flexibility and features tucked into that tiny little box. I've only opened it up one time to adjust the CW sidetone. Is it 100% perfect...no, it is a piece of electronic equipment and can fail with or without abuse, however, if you operate it within the parameters that it was designed for, I think you'll find it to be an extremely worthwhile investment that will bring you many hours of enjoyment wherever you go.

Have fun with your decision!

Bob K5WA

>>>>>Message: 1
>>>>> Date: Tue, 26 Feb 2002 20:22:54 -0500
>>>>> From: "Steve Jones" <nx1g@...>
Subject: I have read everything from Eham, reflectors, to...

the Yahoo groups and all I ever see is problems with this radio as in the FT100D. I love Yaesu gear and own the FT1000D for my HF station and was hoping to buy the FT100D with the ATLAS antenna system. But will the real radio stand up. I mean no offense to anyone who owns this radio but I see a lot more problems than pluses and even with the units after May 2001. Am I missing something or is this radio still having problems and users are just putting up with it and finding ways to modify the radio which voids the warranty!!! I mean every time I get a new post, there seems to be a new problem and gosh I don't want to buy an Icum and mean Icum 706 of any kind. Please guys help me out here and tell me the real truth, no matter how much it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
Have a great day, because if you don't someone else will!!!

73, Steve, NX1G

Bob Evans
Niche Marketing, Inc.

(713) 937-9013

# 12601. FT100 and ATAS100 - Get ONE!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 15:14:01 UTC
From: Booker, Andy
Topic: 12601  Message: 12601

Have had them both (original FT-100 and ATAS-100) and used them in two SUV's going on 3 years now since they came out. No mods! Still going strong! Using them in the cold and hot humid Atlanta!

Never have had a problem.

Will probably do a clean / degrease the antenna and do the heat mods on the fan this summer for maintenance. Love this radio! Get one, I'm sure some of these people who hate them will sale theirs to you cheap.
Andy
N4WWT

# 12602. Re: [FT100] Digest Number 1126

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 15:31:33 UTC
From: Dan K Nelson
Topic: 12602  Message: 12602

FWIW, I have had the original FT-100 and the ATAS antenna in my Chevy Blazer for over two years. It has worked perfectly since day one and the ATAS never stops amazing me with how well it works for it's size. I have received lots of unsolicited reports of how good the rig sounds, and have worked all over the world on a regular basis with this little rig. Compared to the Icom 706 I had prior, this rig has it beat "hands down".

I think that a big part of the problems people experience with this rig are due to "pilot error" and/or poor installation practices. Like any product, you always hear from those with a problem, but rarely hear from those that are happy with the product. This tends to throw overall public opinion out of context. However, I know of six other local hams who also run the FT-100 ATAS combo, and none of them have had anything but praise for the rig.

No matter how you cut it, considering the number of rigs sold versus the number of complaints, you still end up with a product with a less than 5% failure rate - which is great for any retail consumer grade electronic product.

73 de W6DKN

> Message: 1
> Date: Tue, 26 Feb 2002 20:22:54 -0500
> From: "Steve Jones" <nx1g@...>
> Subject: I have read everything from Eham, reflectors, to...
>
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> Have a great day, because if you don't someone else will!!!
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> 73, Steve, NX1G

# 12603. re ft100 problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:10:12 UTC
From: ken cubilo
Topic: 12603  Message: 12603

I don't see what the big deal about the rig is. There is a very simple way to install the mods and make them easily removal without sending the rig to yaesu. The mod involves about 15 min of labor maybe 30 min if your no used to working on gear and gets the same results the factory one does without having to send the rig in.
ken w8ob

[Non-text portions of this message have been removed]

# 12604. Re: [FT100] I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 14:47:41 UTC
From: Paul Manuel
Topic: 12595  Message: 12604

--- Steve Jones <nx1g@...> wrote:
> Howard I don't just see a few of them I see a lot of them and they are
> the same problems and too many not to have some truth to them!!!
Steve,
The FT-100 is one of those rigs that comes along every once in a
while...that really gives a company a "black eye!" I like my (SWR and fan
modified) FT-100 much better than the 706 I had, but I could not really
advise anyone to buy one. Especially with the RF module failures that are
now beginning to occur! Too bad.
By the way, Yaesu is getting more bad press on their latest duo-bander,
and that wideband scanner/receiver. Check the eham reviews on those units,
FT-100 users, and you'll find we are in good company.
73,
Paul K4PDM

_____
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http://greetings.yahoo.com

# 12605. Re: [FT100] Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 15:43:02 UTC
From: Mike May
Topic: 12587  Message: 12605

OK guys how about a poll right now instead of blindly saying that a large percentage of the FT100/D problems were caused by people modifying their radios.

How many who had the blown V/U finals for instance #1. modified the radio themselves and #2 how many were just using it for casual operation or just receiving and then went to V/U tx and found the final FET had croaked.

Mine had the fan mods and VSWR mods but still died and I wasn't even txing so to go and say that performing mods to the radio is the cause of most of the problems may not be correct.

and #3 How many had out of box failures where the -9 volt converter died the 2nd day of ownership.

#4 How many had the VHF/UHF pre-amp die even after the VSWR and fan mods had been performed.

Mark me for number 2, 3 and 4.

Mike
WB8VLC/7

Bob Evans wrote:

> Steve,
>
> I think you'll find that a large percentage (not all) of the guys who
> have
> had trouble with the FT-100 have either opened it up to "modify" it or
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> has had zero problems with my 20 month old FT-100 and have operated
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> pants off of it in HF CW/SSB contest, HF CW/SSB ragchewing, PSK31,
> RTTY, 6M
> CW/SSB and UHF/VHF FM ragchewing, both mobile and fixed. I've gotten

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> audio reports WITHOUT the need to poke out the guts of my microphone
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> CW note has always gotten good reports. I love the flexibility and
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> tucked into that tiny little box. I've only opened it up one time to
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> the CW sidetone. Is it 100% perfect...no, it is a piece of electronic
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> equipment and can fail with or without abuse, however, if you operate
> it
> within the parameters that it was designed for, I think you'll find it
> to be
> an extremely worthwhile investment that will bring you many hours of
> enjoyment wherever you go.
>
> Have fun with your decision!
>
> Bob K5WA
>
>
> >>>>>Message: 1
> >>>>> Date: Tue, 26 Feb 2002 20:22:54 -0500
> >>>>> From: "Steve Jones" <nx1g@...>
> Subject: I have read everything from Eham, reflectors, to...
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> problem and gosh I don't want to buy an Icum and mean Icum 706 of any
> kind.
> Please guys help me out here and tell me the real truth, no matter how
> much
> it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
> Have a great day, because if you don't someone else will!!!
>
> 73, Steve, NX1G

>
>
> Bob Evans
> Niche Marketing, Inc.
> (713) 937-9013
>
>
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12606. Re: [FT100] Digest Number 1126

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:02:41 UTC
From: Paul Manuel
Topic: 12602  Message: 12606

> No matter how you cut it, considering the number of rigs sold versus the
> number of complaints, you still end up with a product with a less than
> 5% failure rate - which is great for any retail consumer grade
> electronic product.
>
With all due respect, I wonder where you got this number.
If this is true, the normal failure rate for ham rigs in general must be
.05%!
Although I much prefer the FT-100 to the 706, I am enough of a realist to
understand that there are tons of problem comments all over the web and
the bands about my FT-100, and very very few about the
operationally-inferior-but-better-QC ICOM 706. The ostrich-like attitude
of some hams is perplexing...we did not design the rig, we make no money
off it, it is not of our family...If you have no personal stake in it,
please face facts.

73,
Paul K4PDM
>

_____
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# 12607. Re: [FT100] Digest Number 1126

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 15:55:44 UTC
From: Mike May
Topic: 12602  Message: 12607

Not true,

in the consumer and commercial electronics world even a 1% failure rate is considered poor workmanship standards and not looked at in a positive light except maybe by Yaesu.

When I started on the list my first post were positive as some of the early members may remember but after a while, only a few days of use, the problems started even after VSWR and fan mods had been performed on 2 radios. The radios were both grounded at both antenna and radio ends, and I never left my radios in the on position when the car engine was turned over, I did all of the typical walking on egg shell things that a lot of us were doing to overprotect the radio but even these steps were of no help, @#%$ still happened. Also keep in mind that a good number of past list members have sold their FT100s and going to other things and therefore unsubscribed from the list out of total frustration with the radio. I knew of a few members who had their radios sent back several times for the same warranty work after which they finally got rid of the headache and were never heard from again. It's only a matter of time before we all eat our words.

WB8VLC/7

Dan K Nelson wrote:

> 
> FWIW, I have had the original FT-100 and the ATAS antenna in my Chevy
> Blazer for over two years. It has worked perfectly since day one and
> the ATAS never stops amazing me with how well it works for it's size.
> I have received lots of unsolicited reports of how good the rig
> sounds, and have worked all over the world on a regular basis with
> this little rig. Compared to the Icom 706 I had prior, this rig has it
> beat "hands down".
> 
> I think that a big part of the problems people experience with this
> rig are due to "pilot error" and/or poor installation practices. Like
> any product, you always hear from those with a problem, but rarely
> hear from those that are happy with the product. This tends to throw
> overall public opinion out of context. However, I know of six other
> local hams who also run the FT-100 ATAS combo, and none of them have
> had anything but praise for the rig.
> 
> No matter how you cut it, considering the number of rigs sold versus
> the number of complaints, you still end up with a product with a less
> than 5% failure rate - which is great for any retail consumer grade
> electronic product.

>
> 73 de W6DKN
>
>
> > Message: 1
> > Date: Tue, 26 Feb 2002 20:22:54 -0500
> > From: "Steve Jones" <nx1g@...>
> > Subject: I have read everything from Eham, reflectors, to...
> >
> > the Yahoo groups and all I ever see is problems with this radio as
> in the
> > FT100D. I love Yaesu gear and own the FT1000D for my HF station and
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> > hoping to buy the FT100D with the ATLAS antenna system. But will the
> real
> > radio stand up. I mean no offense to anyone who owns this radio but
> I see a
> > lot more problems than pluses and even with the units after May
> 2001. Am I
> > missing something or is this radio still having problems and users
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> > putting up with it and finding ways to modify the radio which voids
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> > warranty!!! I mean every time I get a new post, there seems to be a
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> > 73, Steve, NX1G
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[Non-text portions of this message have been removed]

# 12608. Re: [FT100] Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:21:45 UTC
From: Pres Waterman
Topic: 12587  Message: 12608

> OK guys how about a poll right now instead of blindly saying that a
> large percentage of the FT100/D problems were caused by people
> modifying their radios.

No, not a poll right now here on the email list, please. Go to the Yahoo!groups page for he list and create a poll. Much better, allows tabular response gathering and everything.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12609. Re: [FT100] Digest Number 1126

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:27:41 UTC
From: David Kiwerski
Topic: 12602  Message: 12609

Interesting....Motorola told us to expect a 1% failure rate on our new
800Mhz Astro digital trunking system. We've experienced more like a
10% rate. This with over 15,000 radios (mobile and portable).

DaveK wp2aat

Mike May wrote:
>
> Not true,
>
> in the consumer and commercial electronics world even a 1% failure rate
> is considered poor workmanship standards and not looked at in a positive
> light except maybe by Yaesu.
>
> When I started on the list my first post were positive as some of the
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> the problems started even after VSWR and fan mods had been performed on
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> ends, and I never left my radios in the on position when the car engine
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> good number of past list members have sold their FT100s and going to
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> Dan K Nelson wrote:
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> > FWIW, I have had the original FT-100 and the ATAS antenna in my Chevy
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> > 73 de W6DKN
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> > > Date: Tue, 26 Feb 2002 20:22:54 -0500
> > > From: "Steve Jones" <nx1g@...>
> > > Subject: I have read everything from Eham, reflectors, to...
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> > > 73, Steve, NX1G
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>
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# 12610. RE: [FT100] Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:43:03 UTC
From: Cliff Bryant
Topic: 12587  Message: 12610

Ah! A very sensible suggestion. My arrived DOA in the box!! So I can't have modified it!!!!! The HF PA blew up after operation on 10m and 6m SSB. It was returned and repaired under warranty. I noticed that they had added more copper screening to bond to the lid. RF design problems anybody? The VHF/UHF output went QRP (currently being repaired) after prolonged operation driving around a scottish loch in the pitch black pouring rain - and that was last summer.. I've never carried out any modifications to the innards and the RF installation was solid with proper grounding to an ATAS (also grounded). I've had it over three years and it's a super little radio but be careful about cooling. My installation was under a front passenger seat with plenty of room around the vents. I'm a professional engineer so hopefully friends would testify that I know what I'm doing or at least have a fighting chance :-) I didn't even know about the preamp failures reported. The early messages reported HF and VHF/UHF PA failures. I've never had any audio problems but I use an external boom mic. You can see the circuit diagram for the interface in the pictures section of this group. 73 de Cliff, G4PZK -----Original Message----- From: Mike May Sent: Wed 2/27/2002 3:43 PM To: Cliff Bryant Cc: Subject: Re: [FT100] Re: I have read everything from Eham, reflectors, to... OK guys how about a poll right now instead of blindly saying that a large percentage of the FT100/D problems were caused by people modifying their radios. How many who had the blown V/U finals for instance #1. modified the radio themselves and #2 how many were just using it for casual operation or just receiving and then went to V/U tx and found the final FET had croaked. Mine had the fan mods and VSWR mods but still died and I wasn't even txing so to go and say that performing mods to the radio is the cause of most of the problems may not be correct. and #3 How many had out of box failures where the -9 volt converter died the 2nd day of ownership. #4 How many had the VHF/UHF pre-amp die even after the VSWR and fan mods had been performed. Mark me for number 2, 3 and 4. Mike WB8VLC/7 Bob Evans wrote: > Steve, > > I think you'll find that a large percentage (not all) of the guys who > have > had trouble with the FT-100 have either opened it up to "modify" it or > don't > have a clue what proper mobile, or fixed, installation techniques > include. > This list is an area to learn and share good operating practices, but > there > have been many mistakes made before they actually get on here and > blame the > radio for various failures (like it won't put out a full 250 watts > under > water on 11 meter AM ;-). I am one of many, many owners on this list > that > has had zero problems with my 20 month old FT-100 and have operated > the > pants off of it in HF CW/SSB contest, HF CW/SSB ragchewing, PSK31, > RTTY, 6M > CW/SSB and UHF/VHF FM ragchewing, both mobile and fixed. I've gotten > great > audio reports WITHOUT the need to poke out the guts of my microphone > and my > CW note has always gotten good reports. I love the flexibility and > features > tucked into that tiny little box. I've only opened it up one time to > adjust > the CW sidetone. Is it 100% perfect...no, it is a piece of electronic > > equipment and can fail with or without abuse, however, if you operate > it > within the parameters that it was designed for, I think you'll find it > to be > an extremely worthwhile investment that will bring you many hours of > enjoyment wherever you go. > > Have fun with your decision! > > Bob K5WA > > > >>>>>Message: 1 > >>>>> Date: Tue, 26 Feb 2002 20:22:54 -0500 > >>>>> From: "Steve Jones" > Subject: I have read everything from Eham, reflectors, to... > > > the Yahoo groups and all I ever see is problems with this radio as in > the > FT100D. I love Yaesu gear and own the FT1000D for my HF station and > was > hoping to buy the FT100D with the ATLAS antenna system. But will the > real > radio stand

up. I mean no offense to anyone who owns this radio but I > see a > lot more problems than pluses and even with the units after May 2001. > Am I > missing something or is this radio still having problems and users are > just > putting up with it and finding ways to modify the radio which voids > the > warranty!!! I mean every time I get a new post, there seems to be a > new > problem and gosh I don't want to buy an Icum and mean Icum 706 of any > kind. > Please guys help me out here and tell me the real truth, no matter how > much > it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve > Have a great day, because if you don't someone else will!!! > > 73, Steve, NX1G > > > Bob Evans > Niche Marketing, Inc. > (713) 937-9013 > > > Post message: FT100@yahoogroups.com > Subscribe: FT100-subscribe@yahoogroups.com > Unsubscribe: FT100-unsubscribe@yahoogroups.com > List owner: FT100-owner@yahoogroups.com > FAQ on WWW: http://www.k0lee.com/ft100faq.html > > We are all a part of this Lets make it as good as possible. > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service. [Non-text portions of this message have been removed] Post message: FT100@yahoogroups.com Subscribe: FT100-subscribe@yahoogroups.com Unsubscribe: FT100-unsubscribe@yahoogroups.com List owner: FT100-owner@yahoogroups.com FAQ on WWW: http://www.k0lee.com/ft100faq.html We are all a part of this Lets make it as good as possible. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service . begin 666 winmail.dat M>)\^(@41`0:0" `$`````!``$``0>0!@`(```Y 0```````#H``$-@ 0`
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2!.C]^7RSWQT"(T%M,<.RQ=3E ]:$BTR0B_^RB[/"&OX?/B-^)
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:0;K#Q$M\`_G@&\$F0W[.^D.W3PW#T,-!H;FEQGU!SF2^:/S^;3YQ?G6^8
M@_C#_!A#"H/%_H2_!%Q%!!-&RP/_"(/62 MT "RP#G1#K+#D,[Q7PYPTS#MAO21SD!A&@!I_?1
>$%C(V,/T-_1_;#_&.*K0!EQ#Z$E8XGP`) ')WT_*[RT5 M) &TP&9U!J$RYC5T0
H`='2E3]._U,__U=_6[YAT]J$FS]_OX/_B#__C'YAE
MWJ&@$:2!Y;!(D3H2P$%-(#LM*:ML:=_?:N]Z`-L_W$]+]6W)011R_S>#29 C
M8RVDR4)Z(;%$Y.__Y?_G#^@?Z2^8@P\B]"_U/]_V3_=?^&^&)4$$>GP@$(!? M[R_P/PF$&'>-$VTCD#+_0+)\8(U
)A!,<(VE(#*.$_^V9)&0^@_['_PO_3_^ M3_EU_]*O!U\(;PE_"H^]+P$O`CO_(W#>T!?Q+8%SD)+AJO
@D($XP$-7+U-3 M0B9"7Z2PL8!)D!5XV%!GI-!E!XT0MM!)D%!32S,Q_V[/#2\./P]/$%\1;Q)_
M;;J04E1464F0-DT8;_\9?QJ/&Y\#Q\?;A2C<^P/[1_][BTGCC&V$-[ ?% A#R(?[R,O)#\E3YB#9[2A
M^?\Q3^\R7S-O-'^8=&&K,-B!V< &<),0%'%7251(3_Q55( #.%"1D2G/*M^_ MI?_8D#Q0VC'=LH
4%',#PL;@_F.?X8"P.%(V7S=O.'\YC_\ZGSNB!5$#T$*? M0Z]$OT7/_T;?)E4]8& Q_Y,]SS[?R_7^;.J
@'$OY+8$/#4LGRVO6>XN;&^. M,8 29HS@>/YI*3&2X,AAS&])CTJ?2Z__3+\=GT^?*WPV`=FR5[]8S\]9WUKO
M6__Y='5CQS"1H;]\8-B0>T.VL0/@5S%TC.&]*,!X4Q]4+RZ_\?%NR.'_D5A= M7UYO4121\?'2IC^
SV%?8F]C?V2/.W5D:O_90#8O<)]QKW*_<\\+ETXB M_'-IJT"TX'>P9_]I#^XM]]E0DN&-T25L+VT_`H;
(/M?T+_>,]YWX>O7X6_AL^'WXCOF$=E
MI1!I[G#24!8P!3-CM&%_WX#O?ROEV8$#=*-!`X+=L[>P<].C$4)0=V4OL'*C MP5QP_GG9,
7&BG^+CXR?C:^.O_^JI'6/E^^8_YH/FQ_J)0.1_Q5!D3^23[^G
M0&"CP-)!ZV&_V5!FL]IB_[&K0'N@9VO"K]BQ(,#O`*)B:Y8B)]XQ_RQ !5&<
MCYV?GJ^?OZ#/^5;_`%^CKU#VQD"I+ZH_JT^L7_>M;T?EA#!XA( #0(1 `^#S MVI!]\&AW\Z I4:C
+[#?%F"08V:S%Z#>,6+9$!? ?Y8CQI.4L?,QKO^P#]U5
M9C^QG[*OL[^TS[7?C\1N:OQO>9!CN%#)D96QEB-24/]\++[/O]_ [\'_Q[_% MS\;?]\I_R/]K
NU^\;U$4Y+!C\[#YV(!N(JM98;KPO6:09X20;K"# M<:C18;G1_Z? Q'-'GTBOL125,+B1?S#J<(208H10;7\PE
.B8;M_,*609-1@ MD*!_,6Y1;_]2?U./5)]5KWKF7=]>[U__EV$/8A\V!%1_@40NI['\;&_0@5=
MIO#$X%D/6A__L10`L&NAD+*5@-#0I3)I0\]I@*=BNI"ZT$A&>Y!D0/YTU&&0
MHF.O9+]ESV;?9^__H?2FL&__<0]R'W,O=#^/P[^Z\(.PNC&NSVM_L.AUNM / M;>=N@%R%T)!!5$Q!)E.0H9;
;FZ#D'-Y][CPMZ!IH$*4T;FS8W]VKW]WOWC/
M>=\C/WR?L)Q&D6S_@B^#/X1/A5^&;WL3721O0=^HT5?0::*WL+Q-;
M@F'_EO^8#YD?FB^;/WL3:>"F4#YMIX"E45P&IB'0T'!L_G5;@%?T1N'0U6WB ME"^5/V^Q%-#
?X!7\6898%C@3?9ANM \*BP%U 9GZDMJ22X&G"
M8W^@=F]I9'6_PI__PZ_$O\7/8Q_.;\]_T(_1G]^&[\B?R:^6<7602'<4)$61N/3<&FU<%]&$0"PHJ"
P-70=Z/@;W]O0$MA;?"BX5N!HW*VX&+_ MG+_4G]6OUK_7S]C?V>^5S/_>,> /X1_B+^,_Y$_&Y+ID76U39]Z
?Z!&(&22 MH"?N5)%#\',W,.E D<#EG_OFK\IW>>A?Z6_J?^N/
M()_]>Q-KRS&I3_7/]M_W[_C_W7L$4%PP78!;H&=^D*A _6WP;,? W8%7P**@
MWN-M8O\98('!W8',DXI1\@_S'Y8UM'1R@7!H2J"1D6T94/^H@E=@Z$_[O_S/ M_=_^[[1U_G7-8
<_"$\)7PIO"W][$WG(,6AU-2!+45=P$U5H_Q/E;5-'0 -O M!'^6-4= 2Z'(3$],::
W,TJ@.4._#1\.+P\_$$\17WL32$92[X# 5Z!&H**@ M9*C02J#?P/QC8:016[
[T)*0:G#O)/^U4I*B%.\5_Y9$`2"2$8&B_]Q1&)\9 MKQJ_&\\M<8!TJ@3EC\,4P3.
M3LU16Z"HP')KM8![D?'>L$EN8_JO15]&;T=_@TB/>P0H-S$S*4%_@T*/EC4Y
M,S<]ZWWOO'WS_?@_E7V8?E?E&5#'1J1! >6$' M`&\>H &0\'!S+F,@L%]O8']ACY]BGV.O@?^##Y7Y4W6
```

```
_&_\@/R1_*+\L_S$_- M7__.;\]_T(_1G]*OT[_4S]7?W];ONL^[W[SOL^1UO@BTWS^U[[;_N ^Y'[HO
M$G),:=]E+]QO(Q<'$.(P_V__@/__D?^B_[/_Q/_5_^;_]_`(__`9\"KP._VI_F+^<_LZCH@W_? M'^
OX3_B3^-?Y&\(4D9X05$@(% (CPF?(S57_Q50Z-\&KP3?%=\6[Q?_&0__
M&A\;+QP_'4\>7Q]O('\AC_\BGR.O)+\ESR;?)^\H_RH/_RL?+"\M/RY/+U\P
M;P>O%$P,/$$3M&>0:')E9@0](@XP=' Z+R\"=S>P+FLP;&5E$0R"+V9TA.%F
M87$:+@XR(@X)#.!F:65T;&0,XF8Z< [0Y=![`$A94$523$E.G$L@-S\X3SE0
M?7TZ(0DZ<')S9S!<8V8Q^%QU;!.P,<<\#ST?#B=/$0"J854@9PP`9%8"<&40]G.^<$#0+DN/
M3)]-KTZ__T_/6A]8+UD_6D];7U"?4:_-9NU9#$!CH'5S4[!4P>)9"^(A($<,
M,U7052"1WH%J96/EX'1O5.'K4[!EQ53HL&U5(%3!8H_'8Y^-U>BP=FEC5S]= MW_]>[VO?;.]M_V\/.7@ M.U;
6_!I$J!HL][WWGO@\^$WX7O+X;_B ^)'XHC-8J!+U1^5(K90_^)_XL/CL^/TS2N.)!
MC?J*^IO_^JSZO?K.^M_V(/E@\*/SC ?PO.LE^S;^@5CT^0
M7Y%L4_^^+Z__L0^O/[T_OD^_7\!O_\%_PH_#G\2OQ;_&S\??R.__R?_+#\P?
MS2_./\]/T%_1;__2?]./U)_5K]:_U\_8W]GO_]K_MC^W3PJK9M&[]+4_WO_? MX
^X;[E_NH_;T54[$+O?_]R/W9_;S^J/ZY_LK^V_[L__[]_P[_'_\P_T'_4O
M]C_W3__X7_EO^G_[C_R?_:_^O__/OP#?`>_>3^/?Y.\+%'7I"._B;^7_YP^1 M;$Q5$)5?!W_I@I9O=Y%@]B_XX/6
%H#U@..?HRC9%!-H U3S9?D6]L#_MM'VXI5X @ M.+\YSX*TA^$7WWO?O^ "OF="3<@I;(G."<[ (PB<$O
M0DQ/0TO@455/5$6:*YR1@ ]?6(:6$9R?II]8LS6!L2_*8G<0>6N],C>9T9Y2 M!9X@?:N 'P`U$ $```!V````/
`T`#D`0@`V`$0`.0`W`#8`1@`T`#@`10`S M`#D`- `V`$$`. `Q`# `,P!&`#0`. !"`#0`.0`S`#4`-
!"`#4`-@!#`#8` M,0! `&T`80!G`&D`8P`N`&X`;0!I`"X`;@!S`&4`+@!C`&\`+@!U`&L`/@`` M````'P!'$
$`````>````;0!E`',`0 `````?`#! `0````X```!#`$P`20!&`$8`0@``````'P`Q0 $`
M```.````0P!,`$D`1@!&`$(``````!\`,D !````+@```&T`:0!K`&4`+@!M M`&$`>0! `'<`=0!L`&8`0!
`'<`=0!L`&8`
```

# 12611. RE: [FT100] Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:39:12 UTC
From: Cliff Bryant
Topic: 12587  Message: 12611

Ah! A very sensible suggestion. My arrived DOA in the box!! So I can't have modified it!!!!! :-) The HF PA blew up after operation on 10m and 6m SSB. It was returned and repaired under warranty. I noticed that they had added more copper screening to bond to the lid. RF design problems anybody? The VHF/UHF output went QRP (currently being repaired) after prolonged operation driving around a scottish loch in the pitch black pouring rain - and that was last summer.. I've never carried out any modifications to the innards and the RF installation was solid with proper grounding to an ATAS (also grounded). I've had it over three years and it's a super little radio but be careful about cooling. My installation was under a front passenger seat with plenty of room around the vents. I'm a professional engineer so hopefully friends would testify that I know what I'm doing or at least have a fighting chance :-) I didn't even know about the preamp failures reported. The early messages reported HF and VHF/UHF PA failures. I've never had any audio problems but I use an external boom mic. You can see the circuit diagram for the interface in the pictures section of this group. 73 de Cliff, G4PZK -----Original Message----- From: Mike May Sent: Wed 2/27/2002 3:43 PM To: Cliff Bryant Cc: Subject: Re: [FT100] Re: I have read everything from Eham, reflectors, to... OK guys how about a poll right now instead of blindly saying that a large percentage of the FT100/D problems were caused by people modifying their radios. How many who had the blown V/U finals for instance #1. modified the radio themselves and #2 how many were just using it for casual operation or just receiving and then went to V/U tx and found the final FET had croaked. Mine had the fan mods and VSWR mods but still died and I wasn't even txing so to go and say that performing mods to the radio is the cause of most of the problems may not be correct. and #3 How many had out of box failures where the -9 volt converter died the 2nd day of ownership. #4 How many had the VHF/UHF pre-amp die even after the VSWR and fan mods had been performed. Mark me for number 2, 3 and 4. Mike WB8VLC/7 Bob Evans wrote: > Steve, > > I think you'll find that a large percentage (not all) of the guys who > have > had trouble with the FT-100 have either opened it up to "modify" it or > don't > have a clue what proper mobile, or fixed, installation techniques > include. > This list is an area to learn and share good operating practices, but > there > have been many mistakes made before they actually get on here and > blame the > radio for various failures (like it won't put out a full 250 watts > under > water on 11 meter AM ;-). I am one of many, many owners on this list > that > has had zero problems with my 20 month old FT-100 and have operated > the > pants off of it in HF CW/SSB contest, HF CW/SSB ragchewing, PSK31, > RTTY, 6M > CW/SSB and UHF/VHF FM ragchewing, both mobile and fixed. I've gotten > great > audio reports WITHOUT the need to poke out the guts of my microphone > and my > CW note has always gotten good reports. I love the flexibility and > features > tucked into that tiny little box. I've only opened it up one time to > adjust > the CW sidetone. Is it 100% perfect...no, it is a piece of electronic > > equipment and can fail with or without abuse, however, if you operate > it > within the parameters that it was designed for, I think you'll find it > to be > an extremely worthwhile investment that will bring you many hours of > enjoyment wherever you go. > > Have fun with your decision! > > Bob K5WA > > > >>>>>Message: 1 > >>>>> Date: Tue, 26 Feb 2002 20:22:54 -0500 > >>>>> From: "Steve Jones" > Subject: I have read everything from Eham, reflectors, to... > > the Yahoo groups and all I ever see is problems with this radio as in > the > FT100D. I love Yaesu gear and own the FT1000D for my HF station and > was > hoping to buy the FT100D with the ATLAS antenna system. But will the > real > radio stand

up. I mean no offense to anyone who owns this radio but I > see a > lot more problems than pluses and even with the units after May 2001. > Am I > missing something or is this radio still having problems and users are > just > putting up with it and finding ways to modify the radio which voids > the > warranty!!! I mean every time I get a new post, there seems to be a > new > problem and gosh I don't want to buy an Icum and mean Icum 706 of any > kind. > Please guys help me out here and tell me the real truth, no matter how > much > it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve > Have a great day, because if you don't someone else will!!! > > 73, Steve, NX1G > > > Bob Evans > Niche Marketing, Inc. > (713) 937-9013 > > > Post message: FT100@yahoogroups.com > Subscribe: FT100-subscribe@yahoogroups.com > Unsubscribe: FT100-unsubscribe@yahoogroups.com > List owner: FT100-owner@yahoogroups.com > FAQ on WWW: http://www.k0lee.com/ft100faq.html > > We are all a part of this Lets make it as good as possible. > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service. [Non-text portions of this message have been removed] Post message: FT100@yahoogroups.com Subscribe: FT100-subscribe@yahoogroups.com Unsubscribe: FT100-unsubscribe@yahoogroups.com List owner: FT100-owner@yahoogroups.com FAQ on WWW: http://www.k0lee.com/ft100faq.html We are all a part of this Lets make it as good as possible. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service . begin 666 winmail.dat M>)\^(@X1`0:0" `$`````!``$``0>0!@`(```Y 0```````#H``$-@ 0`
M`@````(``@`!!8 #``X```#2!P(`&P`1`"<`# `#`#T!`2" `P`.````T@<" M`!L`$0`G``P``P`]`0$)@
$`(0```$%%.39!,D8X,#4U1#E%-$4Y-S%%1C4S M-#0P,3@S,C@S`" ``0.0!@`(* ``.
```!\`&@`!````$@```$D`4 !-`"X`
M3@!O`'0`90```````P`V```````?`#<``0```(@```!2`$4`.@`@`%L`1@!4 M`#$`, `P`%T`(
!2`&4`.@`@`$D`( !H`&$`=@!E`" `<@!E`&$`9 `@`&4` M=@!E`'(`>0!T`&@`:0!N`&<`( !F`'(`;P!M`"
`10!H`&$`;0`L`" `<@!E M`&8`; !E`&,`= !O`'(`0!T`&@`:0!N`&<`( !F`'(`;P!M`" ` M10!H`&$`;0`L`"
`<@!E`&8`; !E`&,`= !O`'(`0!33510`&UI:V4N;6%Y0'=U;&9S8F5R9RYC;VT``````@%<``$````<````
M4TU44#I-24M%+DU!64!754Q&4T)%4D0`````````@%>``$````]`````````($K'Z2^HQ 9G6X`W0$/ M5
(`````36EK92!-87D`4TU44 !M:6ME+FUA>4!W=6QF0!A`&X`= ``````'P`:# $````:````0P!L`&D`9@!F M`"
`0@!R``D`80!N``0``````!\``0X!````@ ```%L`1@!4`#$`, `P`%T` M( !2`&4`.@`@`$D`( !H`&$`=@!E`"
`<@!E`&$`9 `@`&4`=@!E`'(`>0!T M`&@`:0!N`&<`( !F`'(`;P!M`" `10!H`&$`;0`L`" `<@!E`&8`;
!E`&,` M= !O`'(`R$=4.4;L#`1#7,@8`!L,1U3,27V\3
M;1'C".\)]SL9;PXP-3L1T@Q@8P!0"PD!9#,VDQ%@"Z4T(! "*EP.LCT!D&<5 MD JC$>,>AS$X5" \#K(^'XPU$6
\`0;@9'D@9&ER/7T>T'(@X!Z3`"$#,"*A M9,YO`. BH0JQ7'$94"*A?Q#P`S C!1%@'DL=D1]/9\0Y-B"
1$E6(MD``#,E M%QYI-C0H3R5B06CR(1%P('8$D") $3 `@44"8&4L4'5G9P>0=/II`B N'FD!
MP"+G"J(BY\L*<1^<,!X@/"\H#"](?R6?)J\GORC/*=\UZQY+.,$>("9N8G-P M`H B^/PG80%
-B\N+R\_,$\Q7_\X?S-_-(\WOS:O0Z\%T") APK !1 L$&0@
M1$\K\#$+@"!T:"S0!N!X(8$KT%-O($D@8P!P[B<%0!$`+! @!&$&D B0&4=P
M:71(<$I1(#HM_BD[OSS//=\^[S__00]"'_]#+T0_14]/?SE?.F\[?TN__TS/
M3=].[T__40]2'U,O5#^%83M42!%(1B!0*_!S++$'X'5P1P`!@!/1;WIP!)!A M+5)ED
.@7"!M%4<`;D=P-F:04U-"9BY(P 5 =V$$(!EP=/T(<&Y'86:R'DL> M(%\$&7#W"K B<$=A=6;
$]%GH$<@B0!P='EG42!N;RU0_F-'84@`9>!'\B) M$0!H4?YD`0!'< 1@&7!(X&6@9;'O+%
%``GA"X!G1_!(L&B_'U\B!N!FP6[1 M2 )L:61=9U!29'
!``"09P.@<%L#8"RQ;00@`'!Y(A(__UC_6@];'UPO73]>
M3U]?8&__87]BCW>O5I]7KUB_<^]T__]V#W"]Y/WI/>U]\;V-?,E9D8"]5 M9&$(8'1P#XT@9Y )\ 5
45)0(%PH8PAP&7 ",&PB0&+V96Z2:@8I935R`1D` M;J#O1V%O#X=29:AD1S%ND@K
NPA@9L%A;B%KP"U0_SHO^O_$DG M27%H,"P12.'_1R%'88T102C DX'(!;?*/"<"34FZ5`Y%!5$$%\/XH
M!T"Y@+J5CX%G4;,"MR]_K?)LTDHP99"S8D@`"=$@W'EE$1%FHTHP)W)Q+.%_ M;?)Q$ )
+,%ET")@2+!B[XU1CL"SD@$0=0,@`:"T(O^]7ZWR!:"YD6Z@9U!& MX;A__VJ4DZ #48VA"K $$
GP+2#_;A&_T&>!N?,LP&M!99 C8/\#8 -PPT^M MXY,U2 (L$ (P_G.9KZC/J=^J[ZO_K0^N'_^O+[
_L4_0;Z5?IF^G?\RO_\V_ MSL_/W]#OT?_3#]0?U2_WLAYFD7'R9@>0`) "( = OB#'D0N ">!N$4BP:&6A
MO\*QCI$#4 B09L $('<(8'9L;!$M,F8B0&PS2-!K[VNP!^#)C^ B=^DCY3$C MP/]ND@6Q;%$LP)CR25/&T7'
]PZP;I(0\6YK\$JOVL_;W__<[]W_WP_@'^$O
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MXC_C3]9/_]=?V&_W#^\/\!_Q+_(_^5]_]%_U;_B?]X\$CTC0(F!D?TD2LU&2 MD.F#PO24TQEP8?IM92!F"W
:0!EP9\*5T/_]L)"09U!D(K_1CI&98!"P_Q[P
M"E'IWVG%"K-D4F:RC);_9)$)]LO?_8_^G_^O`+\!S_\"WP/O!/\&#Q1O^A_[
M+_P__Q"O$;\2SQ/?%.\5_Q&]E8>82<%#)46VT\&=067^5X$CB#$\D$\?PRV!(`F-_:D".(+[A2<#*
M,,&@9I!FO^P1M;1E80GP[A&4IV-H`?\,(_R /(1\B+_\C/R1/)5\F;R=_.>\;CQR?_QVO-B\W/SA/.5\Z;SM_/(\G
M/9\^KS^\-S-Q@2!#`7$09F8L($%;(I5 7''/PM!43U5?,^@R-%RP7R _5B]*[TO_30]<1UL@:3,B
M-ER],30X8%!&3Z1.5.;0:7I8L#)@JUAF2P.9QYB%-"]1H
M(V2-,>U7$E):"L3195S07#]!!RM7,&"K8EPI1L<`;3H]7VPR4R%MZE0YQ2!I M:_G+8$UA*C
SOUWO06%?/M]JKVN_;,]MWW?H4XV1;\\+<-]QYU>0D3(O,C>) M?G
P,'Q@,SHT3K#\4$UISW:/=Y]XKWF_B^8>;WM_?(]QYT\#($)R_GDJ$,,_ M<_]U#X
?@2^"/_.#3VZL0V.%7X9O<>>+7Q^,;XU_CH^/GWK5=6)J3S+!D2^2
M/W'G4F59H%OD1E12\#!=G),'L.S3]PF1?D"S4GDS8;L1QO');^N)SXK61>D@
M;4]0PI'L<-LRT.P0>O2Z1-AIE^G;_NH?,7 MP*J#&H.X0R,#_#
$S),M@G/.OH$"?0:]"NN^XG[FOBN4JMWR,Q"P#,H__GT->#T1_2+] \S:/4W]7OYXKE+U$K$&5L M"% K(
YBWB.:X+O] \[!$_Y8/A#^(?BO2B0#& :7;_GM+D,B]1*_#(4(BAHP#8,^QT> Y3
M,)!U[E38=&]P_D5EX.LO[#_7!^>OZ+_0//IC-1!A9P[:%T
M]V\//__YCQ/?%.\5^N0S3K#4$@K_OPP/BO344RG2MY*[XF_OH#_^0 `0,F/4
MH,AB+U(M.=P@=K@`ZP`3,&XID3$Q7Q:_%\\5W !3+U(R_N%DOW+?&T^*Q\%Q MV
$IH',S<'\U0"!O(7\5WR?_*0\J&2,^--F_VL_$>]07UV962+Y&V% Q\!'A M:6"B`' `0OL#X[? 9B
Q)&\E?PT)_Q/_[\,<\"K/*]_+S[<1GC$3`/_NH0CU M]T\X/SE/.]\\[_R='33@:]S0\('F<6YU;?L3`.: ,D]03K
SWS3OBO3]Y#(T M.\\_WSWO1E]';TA_?TF/2I_\Z7*03#]-3TM<5X!".%9,0R\W3W]?4(]+7U,O
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M+YQ3G<)Z7WMO?']]C_]^GW^EUX$2`)F0R8#(0.8P^FC!E2V=$9VTS6#^`3._ MOW??)G?
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>\\8/QQ]_R"_)/\I/D@/@ MI.9B64!R=^#0#= >&"C.,/ =@<-?Q&\FE1V!KD!D9G4`(3(U M;<
#@'3^=)[/S3_.3\]?T&^1]/ A_R!/V6_:?]N/W)^1Y=@AF9$/G@'?,$(1 M,Y)!32 [_"TII.QC7V1O
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M;1T0,CHR=>"&P!^0_T7PAR49LH>3K^2+$/./])__]:_VO_?/\O7,+P#?`>\" M__\$#[:O^J_[NQSPV%
1<2,*L`0Q . M^'71T&>>4&6&D+!00Q!0\%-+,S%H3P:O![\(SP\)WPKO"_]G.E)45%GY0Q V
M31'O$O\4#Q4?%B_OD@,/)472,B$O,>&'$.4P_1#*8G9@_3&<4S;3%X\8G]]G
ME)SSY8_FG^>M)X>QKY#_V$!UT!J/&Y\90-\_U"P&!CF6%Z,#'2_R_?,.\Q_S,/-!\U(O[1_5#_/!\]+SX_/T]
7Q_5 M-N!9L>_Y$S=/.%_%=6SD`'GQ*62?KX0UM28?)R_GKFQOA['E>9)FAF!X:2*Q
MC&#!X?_%[T,/1!]%+T8_%Q])'R3\_R^!TS)1/U)/4U]4;U5_\O3\=6/ L(LA M=>#2$'3#L#';_6!0L72&82)
>$R?3:_[*#_K<6["88K85M]7[TJ4_XMQZU*= MX,O2>D]:WUOO7/_S7@\T]61JTL OKVH?:R_/;#]M3P471Z)S::3
KF!_<3!A M?V*/YZW2T(QAAU$EOV6O9K_\!KF@65"PL"Y\0-]'X)U!#J&MP9E :9Y ZW/>
M989@L+#\@)YP8V\?<"__<3]R3W-?@2]_/X!/@5^";^61QV6>D&EPR] /L/ZS M_F.MX7E?>F\E9=,!_/2#]^`/S
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/]A_W(/^)_J3_Y/]I\`?_\!CP*?`Z\$OP7/!M\'[PC_OPH/=F]W
M?PSO#?]CG$20,4_Z4.J?ZZ]*E%1UCL$RJ?MP1F79<#)Y$#(642 Z,C(Z->S
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VW+8/MQ_WN"^Y/W17<'KP:/! X5%0OWCD>0"P
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M971.H&UAJFM-,&G?8&%.H&<%@&ID3X)P7I!SM_ Z4"[_10]&'T1P6S3U!.H-@!:F5C
MN=]@=&].84TP7T54XC!^;4Z@3D%<#UT?AU7B,';\:6-0OU=?6&]E7V9O9W__
M:(]IGVJO:[]LSVW?;N]O_T=Q#W(?9!D771/=5__/7_#P\LWRL/DC^33Y1?E6^6?_^7CYB?F:^:OYO/G-^=[Y[__Z
/ MH1^B+Z,_I$^E7Z9OIW__6X^/CP._,D %3JO?K._AE?>(SXG?BNQ3MZ^I?ZJ/
MJ+__MK^WS[C?N>^Z_[P/O1^^+_^_/\!/P5_";\-_Q(_%G\:O_\>_R,_)W\KO
MR__-#\X?SR__T#_13])?TV_4?Z^_L,\$*_]@4;5TKK_8?]F/L>^R_[0/_=51
M5320M5_6#];P24=>*(V^_??^"/BNR>3$Z0CM\`_WP6
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J@;7,O_UC/6=]:[83?A>A=GUZJ@&465(8B;N)3"J!V:6/^97+_8I]Y[V2X
M<7]RCW.?GWW?=V]X?WF*EHDW,E,7+Y8"D$B68)9L,(-!+T(`3$]#2U%53U3^ M19.KEA%YCU(&CY&6'Z
?I5(S-7LQ+V)PD'EE/5PR-Y-1E]*7H'VE`````!\` M-1 !````=@```#P`- `Y`$(`-@!$`#D`-P`V`$8`-
`X`$4`,P`Y`#0`-@!! M`#@`,0`P`#,`1@`T`#@`0@`T`#D`,P`U`#0`0@`U`#8`0P`V`# `0 !M`&$`
M9P!I`&,`+@!N`&T`:0`N`&X`/^G]```#`/$_"0@``!\`^#\!````&@`` M`$,`;
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M141$3T%)3E1(14)/6%-/24-!3E1(059%34]$249)141)5#HM*51(14A&4$%"
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# 12612. Re: I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 18:45:10 UTC
From: kg4fet
Topic: 12595  Message: 12612

--- In FT100@y..., "Steve Jones" <nx1g@r...> wrote:
> Howard I don't just see a few of them I see a lot of them and they are the same problems and too many not to have some truth to them!!! I mean no offense but the biggest was is a overheating problem that requires a diode to be placed in the fan wire. I mean what is up with that. If the radio has a problem like that it should be fixed by Yaesu. If you cut and modify a radio under warranty, you know as well as I do you can kiss the warranty goodbye. I appreciate the feedback though but there has to be something to this for so many people to be having and reporting the same problems over and over. 73, Steve
>
Steve,
As probably the most vocal of the HAPPY FT 100 owners I would like to point out one little error in your statement above. It is the fact that a resistor NOT a diode needs to be placed parralell with one of the fan wire grounds. I alos would like to say that ther are ONLY 3 problems with the FT 100 that crop on a regular basis.

One is the lack of cycling of the fans on U/VHF RX. Remedy place a 50 ohm resistor in line on ONE fan wire ground to a ground. Fans will run on low all the time. No cutting, solder ect.

Problem 2. Spurious ocsillation on 10 mtrs. Remedy for this add one ground strap from an RF sheild to ground. This can be done by slodering a peice of braid to the RF sheild and running it to the screw in the center of the chassis between the 2 sections of the rig. Soldering nees to be done BUT no driling/cutting.

Problem 3 muffled or lousy audio in any mode. Remedy TURN THE FREAKIN PROcessor OFF!, or/and remove the baffle in the mic and punch out the 3rd hole in the face of the mic. In this case when returning the rig to Yaesu you do not have to send the mic in UNLESS you feel that the mic is part of the problem. So who would know?

I sent my rig in prior the warranty expiring for a check up. I would do this with any NEW rig I own. I sent it in moddified for the expanded RX/TX and nothing was said. Several of the "F" menu options were changed from the factory setting as well and again nothing was said. I had had to resolder the external speaker jacks ground back to the board, that required that I remove the (or nearly so) the board that is mounted to from the rig to get to it and do it right. I put that in the note I wrote to Service and again nothing was said. I would imagine, based on my experience with Yaesu Service, that all of these warranty voiding issues are less then a worry.

You would see alot less of the crying about trouble with the FT 100 If everyone would follow Lee's directions and read the FAQ first before posting to the group.

I believe that someone else has already pointed this out to you but I would buy the 706 if I were you. Loose that address to this group and don't worry about all of the hundreds of people who not only are happy with their FT 100's but live comfortably in the knowledge that they can hear every QSO they are involved with due to the FT 100's superior rejection capabilities whether through the better DSP, the IF Shift, or the actually working adjustable Noise Blanker. They also know that they have better/wider RX/TX capabilities in the event of an emergency or for casual scanning, or the ability to use tone squelch in the "D" model (not even an option for the 706 by the way). If audio is the issue remember that with the 706 you have to have an in line preamplifier for any mic other then the stock hand mic due to its lack of audio. They also know how easy the menu is to get around and single button short cuts to often used adjustments, and that anybody could sit down and have a good idea of what each menu item is what as they go through the function menu and not have to guess as with the 706.

I would buy the 706 for its ability to be used with CAT and have more functions to use via this mode so that way I wouldn't have to touch the rig at all. So if this is the most important feature in buying a new rig then by all means buy the 706 and see how much help or support you will get from the 706 users group here on Yahoo. By the way what problems are there with the 706 do you know, do you know the remedies for them if there are? I have heard of several, lets say more then 3, but next to nothing as to remedies. At least with the 100 you know them and how to fix them if need be.

So in conclusion I guess my favorite saying about my FT 100 pretty much somes it up. " you couldn't give me 4 brand new IC 706 MK2G's for my battered and beaten up 2 year old FT 100 (NOT THE "D")" all I would do is take them straight to AES in Orlando and trade them in on 3 new FT 100D's and 3 AM filters for them. I wouldn't even bother to hook them up because I know the FT 100 is the better rig by far even and especially knowing the 2 small and easily fixed "problems".

73 all the best, and Please buy the 706 and loose the address to this group and let the 706 group pat you an the back for buying a deaf and dumb rig.
DE KG4FET Sandor PROUD OWNER OF YAESU'S FT 100 AND ATAS 100

# 12613. RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 18:48:58 UTC
From: emoxon@alum.mit.edu
Topic: 12571  Message: 12613

Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them on your rig(s), your shack supply, your batteries, your battery combiner. Great little connector -- contacts are recessed and they're hermaphroditic so everything mates with everything. If you have long runs requiring real heavy gauge wire, don't worry about it -- just cut down the diameter at the end where it enters the contact by trimming off some strands before soldering. (Take care not to get solder on the business end of the contact.)
Mfgr: www.andersonpower.com.
www.powerwerx.com has red/black sets in ham quantities. Dunno abt int'l shipping.
Ed, K1GGI .

> -----Original Message-----
> Date: Tue, 26 Feb 2002 19:09:24 -0000
> From: "Paul Rogers" <plprogers@...>
> Subject: DC Cable
>
> I don't know if this subject has been covered before, but here goes
> anyway.
>
> I want to use my FT100 in 3 areas, from home, in the car daily and also in
> my Motorhome (RV).
>
> I don't want to pay 30 UKP for each of the DC cables, so has anyone come
> up
> with an alternative method.
>
> Thanks in advance.
>
> Paul
> G0SNW
>

# 12614. FT 100D FREQ MOD PROB SOLVED (maybe)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 20:02:59 UTC
From: kg4fet
Topic: 12614  Message: 12614

OK for those of you trying to do the expanded RX/TX mod and failed this is for you. When entering the required frequecies into the display make sure you are using the 10 hz step NOT THE 5 HZ STEP! You will not be entering the correct freqency if you use the 5 hz step. Since the requecy resolution in the display does not go that low you would never know that you were of by 5 hz and the mod would fail. It just dawned on me when I posted to the FT 100 Bulletin Board on pluto.beseen.com, that I had done all 3 of the mods I had been involved with in one way or another the same way. In the CW mode, using the 10 hz step and then locking each freq in display so that even the slightest bump would not change the frequecy. If you are using the 5 hz step this really could be a probelm and you again never know it, and the mod would fail again. Try this and please let me know how that works. Email me at kg4fet@... if you succeed doing it this way. I will thne make sure all of the sites on the net that have the 100 mod on them are updated with this info and we will have a few more really happy FT 100 users!
73 guys and again please let me know if the mod works doing it using the 10 hz step
Sandor KG4FET

# 12615. Re: [FT100] Re: I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 16:58:00 UTC
From: John McClain
Topic: 12587  Message: 12615

I had to count to ten before replying to your message. Take a minute and read it again and you may see why I am a bit offended. You implied that we may be using the rig on 11 meters and that we are causing the problems ourself's by going into it and that we don't know how to install a rig in a vehicle. Well, I beg to differ with you. We went into the rig because it had problems, not to make problems. I am pleased that you have had 20 months of use out of yours with no problems but I wouldn't attribute this to the fact that you are an expert at installing or that you were able to take yours apart to make an adjustment I have not found it necessary to make any adjustments in mine). My first one was a piece of junk and the second one is much better except for the poor reports I got on the audio. If I were you, I would consider myself to be very lucky and I hope that your good luck continues. No one has said that all FT-100's have problems, just some of them.

John
K7SVV@...
----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Wednesday, February 27, 2002 7:44 AM
Subject: [FT100] Re: I have read everything from Eham, reflectors, to...

Steve,

I think you'll find that a large percentage (not all) of the guys who have had trouble with the FT-100 have either opened it up to "modify" it or don't have a clue what proper mobile, or fixed, installation techniques include. This list is an area to learn and share good operating practices, but there have been many mistakes made before they actually get on here and blame the radio for various failures (like it won't put out a full 250 watts under water on 11 meter AM ;-). I am one of many, many owners on this list that has had zero problems with my 20 month old FT-100 and have operated the pants off of it in HF CW/SSB contest, HF CW/SSB ragchewing, PSK31, RTTY, 6M CW/SSB and UHF/VHF FM ragchewing, both mobile and fixed. I've gotten great audio reports WITHOUT the need to poke out the guts of my microphone and my

CW note has always gotten good reports. I love the flexibility and features tucked into that tiny little box. I've only opened it up one time to adjust the CW sidetone. Is it 100% perfect...no, it is a piece of electronic equipment and can fail with or without abuse, however, if you operate it within the parameters that it was designed for, I think you'll find it to be an extremely worthwhile investment that will bring you many hours of enjoyment wherever you go.

Have fun with your decision!

Bob K5WA

>>>>>Message: 1
>>>>> Date: Tue, 26 Feb 2002 20:22:54 -0500
>>>>> From: "Steve Jones" <nx1g@...>
Subject: I have read everything from Eham, reflectors, to...

the Yahoo groups and all I ever see is problems with this radio as in the FT100D. I love Yaesu gear and own the FT1000D for my HF station and was hoping to buy the FT100D with the ATLAS antenna system. But will the real radio stand up. I mean no offense to anyone who owns this radio but I see a lot more problems than pluses and even with the units after May 2001. Am I missing something or is this radio still having problems and users are just putting up with it and finding ways to modify the radio which voids the warranty!!! I mean every time I get a new post, there seems to be a new problem and gosh I don't want to buy an Icum and mean Icum 706 of any kind. Please guys help me out here and tell me the real truth, no matter how much it hurts, ooooooooohhhhhhhh and hi hi...LOL. 73, Steve
Have a great day, because if you don't someone else will!!!

73, Steve, NX1G

Bob Evans
Niche Marketing, Inc.
(713) 937-9013

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

# 12616. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 20:28:14 UTC
From: Paul Rogers
Topic: 12571  Message: 12616

Thanks to all that replied, getting hold of these Powerpoles is not that easy in the UK, the distributer won't e them and the retailers only carry the SB50's which I don't think are suitable. RS Components who retail these, will sell me 10 of each colour but will charge me huge amounts to send them to me!!. They will sell me them over the counter if I am trade, which I am not.
I won't give up though!!!!!!

Paul
G0SNW
----- Original Message -----
From: <emoxon@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 27, 2002 6:48 PM
Subject: [FT100] RE: DC Cable

> Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them on
> your rig(s), your shack supply, your batteries, your battery combiner.
Great
> little connector -- contacts are recessed and they're hermaphroditic so
> everything mates with everything. If you have long runs requiring real
heavy
> gauge wire, don't worry about it -- just cut down the diameter at the end
> where it enters the contact by trimming off some strands before soldering.
> (Take care not to get solder on the business end of the contact.)
> Mfgr: www.andersonpower.com.
> www.powerwerx.com has red/black sets in ham quantities. Dunno abt int'l
> shipping.
> Ed, K1GGI .
>
> > -----Original Message-----
> > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > From: "Paul Rogers" <plprogers@...>
> > Subject: DC Cable
> >
> > I don't know if this subject has been covered before, but here goes
> > anyway.
> >
> > I want to use my FT100 in 3 areas, from home, in the car daily and also
in
> > my Motorhome (RV).
> >
> > I don't want to pay 30 UKP for each of the DC cables, so has anyone come
> > up
> > with an alternative method.

> >
> > Thanks in advance.
> >
> > Paul
> > G0SNW
> >
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 12617. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 22:23:06 UTC
From: Cliff Bryant
Topic: 12571  Message: 12617

Sri about my abysmal HTML email earlier people, the problems of using MS Web Outlook while away from the office.

Cliff

[Non-text portions of this message have been removed]

# 12618. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 22:30:19 UTC
From: Cliff Bryant
Topic: 12571  Message: 12618

I have used connectors may be Lucas for a number of years. In the late 70s and early 80s the local club standardised on Lucas automotive connectors (high current and very cheap). You can go to your local Lucas dealer and buy a handful of 25A connectors for not too much money.

Cliff, G4PZK

-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: 27 February 2002 20:28
To: Cliff Bryant
Subject: Re: [FT100] RE: DC Cable

Thanks to all that replied, getting hold of these Powerpoles is not that easy in the UK, the distributer won't e them and the retailers only carry
the SB50's which I don't think are suitable. RS Components who retail these,
will sell me 10 of each colour but will charge me huge amounts to send them
to me!!. They will sell me them over the counter if I am trade, which I am
not.
I won't give up though!!!!!!

Paul
G0SNW
----- Original Message -----
From: <emoxon@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 27, 2002 6:48 PM
Subject: [FT100] RE: DC Cable

> Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them on
> your rig(s), your shack supply, your batteries, your battery combiner. Great
> little connector -- contacts are recessed and they're hermaphroditic so
> everything mates with everything. If you have long runs requiring real heavy
> gauge wire, don't worry about it -- just cut down the diameter at the end
> where it enters the contact by trimming off some strands before soldering.
> (Take care not to get solder on the business end of the contact.)

> Mfgr: www.andersonpower.com.
> www.powerwerx.com has red/black sets in ham quantities. Dunno abt
int'l
> shipping.
> Ed, K1GGI .
>
> > -----Original Message-----
> > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > From: "Paul Rogers" <plprogers@...>
> > Subject: DC Cable
> >
> > I don't know if this subject has been covered before, but here goes
> > anyway.
> >
> > I want to use my FT100 in 3 areas, from home, in the car daily and
also
in
> > my Motorhome (RV).
> >
> > I don't want to pay 30 UKP for each of the DC cables, so has anyone
come
> > up
> > with an alternative method.
> >
> > Thanks in advance.
> >
> > Paul
> > G0SNW
> >
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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849&siteid=39249818&bfpage=moneyyahoo4>

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<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 12619. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 22:32:02 UTC
From: Cliff Bryant
Topic: 12571  Message: 12619

Should have read 'made by' not 'may be'

I have used connectors may be Lucas for a number of years. In the late 70s and early 80s the local club standardised on Lucas automotive connectors (high current and very cheap). You can go to your local Lucas dealer and buy a handful of 25A connectors for not too much money.

Cliff, G4PZK

-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: 27 February 2002 20:28
To: Cliff Bryant
Subject: Re: [FT100] RE: DC Cable

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the SB50's which I don't think are suitable. RS Components who retail these,
will sell me 10 of each colour but will charge me huge amounts to send them
to me!!. They will sell me them over the counter if I am trade, which I am
not.
I won't give up though!!!!!!

Paul
G0SNW

<snip>

[Non-text portions of this message have been removed]

# 12620. Passion, problems & my $0.02 ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 21:42:39 UTC
From: George Encarnacion
Topic: 12620  Message: 12620

I can appreciate how some are happy with, and passionate about their FT-100. I too, happen to think it's a radio with good features (even though I still have to get mine fixed.) I can also appreciate how some would feel after spending a bundle on the FT-100 and suffering one or more of these seemingly common faults or failures.

I don't think it's necessary to rub it in to people that are experiencing them and are just looking for help or ideas, nor belittle other radios or groups. Not everyone can do these mods to their radios either. And if I bought the radio new and found these problems ..... ? maybe I would be just as passionate in the negative sense.

What about the deaf RX problem? That's probably Problem No. 1 right now. No documented fix yet. $70+/hr bench time and 4-6 weeks to CA and then maybe a return trip to CA isn't for me.

Yaesu "lurks" here, probably got the ideas for some of their fixes from this group. They fix it and document it as an A0084XXXX, or the like on the invoice. My beef is, Yaesu should put out this info like another manufacturer does with their Service Bulletins. Or if they would like to have some deniability - "leak" the mod out.

I changed to the FT-100/ATAS-100 for the flexibility of the ATAS-100 antenna setup. PLUS - a better noise blanker, a good audio DSP band pass, and the ATAS. There are numerous Minuses but I can overlook them for the benefit of the ATAS system as I can't use large/long antennas.

I still have to do fan and hi-swr mods. Still need to troubleshoot (with circuit chiller) the cause of the thermally caused deaf RX. I don't know if the fan mod would prevent deaf RX aside from hopefully saving the V/U finals. I continue to use it even though I can't go on 10M. It's winter and I keep the car interior cool - it allows me to use the radio - although deaf RX sets in if I keep it on for long periods. BTW, my comments are in reference to my previous mobile installation - a 706MKII / LDG auto tuner and hamsticks.

Let's keep the ideas and information going.
Let's promote goodwill and common courtesy.
Let's enjoy our hobby.

73, George AH6BV / w1

[Non-text portions of this message have been removed]

# 12621. PowerPort WorldPack II on eBay

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 00:10:16 UTC
From: n8wrl
Topic: 12621  Message: 12621

Just a quick note to let anyone interested know that I am selling a very nice PowerPort WorldPack II on eBay. It is item #1336049189.

73!

-Brian n8wrl

# 12622. 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 01:01:22 UTC
From: J. Morgan Ringold
Topic: 12621  Message: 12622

I currently have an FT-100D, ATAS-100 Antenna, and a Larson Factory Tuned 2 Meter Antenna. Purchased FT-100 in Dec and had high SWR probs on 20 & 40 meters. Returned to CA where it sat for 8 weeks. Just reinstalled last week. Now, SWR problem is gone on HF bands. However, now I have an SWR issue on 2 meter FM. Radio was connected to ATAS and noticed when working local repeater SWR icon came on and power dropped from 50W to about 20W. I still had the Larson factory tuned 2-meter antenna installed and knew it worked correctly when I had the FT-1500 installed (the week previous). Plugged 2/440 pigtail into Larson with same problem. However, I noted that during a single transmission the rig will display the High SWR icon and cut the power down. Then during the same transmission - without even unkeying the mic - the SWR icon will disappear and power goes back up. Keep in mind this happens with 2 separate antennas with 2 separate feed lines.

The only thing I can figure is that Yaesu has the SWR threshold set very low (for example 1.2 to 1) and maybe I'm somewhere between 1.19 to 1 and 1.21 to 1. I haven't yet checked the SWR but several months ago the Larson antenna reported good SWR and has always performed fine on the FT-1500.

At this point I'm at a loss. I plan to check the SWR this weekend on both antennas - but I am wondering - does anyone know what the actual SWR threshold for the FT-100D? Are there any other thoughts on what this could be?

Thanks much and Best 73,
de KG4PAN
Morgan

[Non-text portions of this message have been removed]

# 12623. Re: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 01:19:48 UTC
From: Howard Cunningham
Topic: 12621  Message: 12623

Morgan

In 20 years I have never seen a larson factory tuned antenna. Larson ships antennas for a band, it is up the buyer to tune the antenna for the proper frequency. I would check the tuning of the antenna.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> jringold@... 02/27/02 08:01PM >>>
I currently have an FT-100D, ATAS-100 Antenna, and a Larson Factory Tuned 2 Meter Antenna. Purchased FT-100 in Dec and had high SWR probs on 20 & 40 meters. Returned to CA where it sat for 8 weeks. Just reinstalled last week. Now, SWR problem is gone on HF bands. However, now I have an SWR issue on 2 meter FM. Radio was connected to ATAS and noticed when working local repeater SWR icon came on and power dropped from 50W to about 20W. I still had the Larson factory tuned 2-meter antenna installed and knew it worked correctly when I had the FT-1500 installed (the week previous). Plugged 2/440 pigtail into Larson with same problem. However, I noted that during a single transmission the rig will display the High SWR icon and cut the power down. Then during the same transmission - without even unkeying the mic - the SWR icon will disappear and power goes back up. Keep in mind this happens with 2 separate antennas with 2 separate feed lines.

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At this point I'm at a loss. I plan to check the SWR this weekend on both antennas - but I am wondering - does anyone know what the actual SWR threshold for the FT-100D? Are there any other thoughts on what this could be?

Thanks much and Best 73,
de KG4PAN

Morgan

[Non-text portions of this message have been removed]

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# 12624. Re: [FT100] Re: I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 01:16:35 UTC
From: Steve Jones
Topic: 12595  Message: 12624

I have one response to you and your attack on me because I asked for good solid feedback and give me a break on the either a diode or resistor or whatever. You sound like someone that would take issue with anybody and everybody if they question the reliability of a product you own like it is family or something...it's just a piece of electronics, get a grip. Read my MSG, I don't like Icums and yes I mean Icums. I am a Yaesu fan, but I don't buy radio gear with my hard earned money if it has problems, the FT100D has problems, you know it, I know it and so do most people. They have just had to band aide them to make the radio work like it should from Yaesu to start with. If you don't like my post, you know how to hit the delete button don't you since you know how to fix all those problems with the FT100 so surely you can hit the delete button. This is America and this is a free country. If the person who moderates this group does not like how I responded to KG4FET then band me from the board. If this is the kind of crap you get for asking an honest and fair question, I don't need the hassle. 73 and thanks to those who were man enough respond like grown men instead of this guy who acted like I hurt his and his FT100D's feelings, hi hi LOL. 73, Steve
----- Original Message -----
From: kg4fet
To: FT100@yahoogroups.com
Sent: Wednesday, February 27, 2002 1:45 PM
Subject: [FT100] Re: I have read everything from Eham, reflectors,to...

--- In FT100@y..., "Steve Jones" <nx1g@r...> wrote:
> Howard I don't just see a few of them I see a lot of them and they
are the same problems and too many not to have some truth to them!!!
I mean no offense but the biggest was is a overheating problem that
requires a diode to be placed in the fan wire. I mean what is up with
that. If the radio has a problem like that it should be fixed by
Yaesu. If you cut and modify a radio under warranty, you know as well
as I do you can kiss the warranty goodbye. I appreciate the feedback
though but there has to be something to this for so many people to be
having and reporting the same problems over and over. 73, Steve
>
Steve,
As probably the most vocal of the HAPPY FT 100 owners I would like to
point out one little error in your statement above. It is the fact
that a resistor NOT a diode needs to be placed parralell with one of
the fan wire grounds. I alos would like to say that ther are ONLY 3
problems with the FT 100 that crop on a regular basis.

One is the lack of cycling of the fans on U/VHF RX. Remedy place a 50
ohm resistor in line on ONE fan wire ground to a ground. Fans will
run on low all the time. No cutting, solder ect.

Problem 2. Spurious ocsillation on 10 mtrs. Remedy for this add one
ground strap from an RF sheild to ground. This can be done by
slodering a peice of braid to the RF sheild and running it to the

screw in the center of the chassis between the 2 sections of the rig. Soldering nees to be done BUT no driling/cutting.

Problem 3 muffled or lousy audio in any mode. Remedy TURN THE FREAKIN PROcessor OFF!, or/and remove the baffle in the mic and punch out the 3rd hole in the face of the mic. In this case when returning the rig to Yaesu you do not have to send the mic in UNLESS you feel that the mic is part of the problem. So who would know?

I sent my rig in prior the warranty expiring for a check up. I would do this with any NEW rig I own. I sent it in moddified for the expanded RX/TX and nothing was said. Several of the "F" menu options were changed from the factory setting as well and again nothing was said. I had had to resolder the external speaker jacks ground back to the board, that required that I remove the (or nearly so) the board that is mounted to from the rig to get to it and do it right. I put that in the note I wrote to Service and again nothing was said. I would imagine, based on my experience with Yaesu Service, that all of these warranty voiding issues are less then a worry.

You would see alot less of the crying about trouble with the FT 100 If everyone would follow Lee's directions and read the FAQ first before posting to the group.

I believe that someone else has already pointed this out to you but I would buy the 706 if I were you. Loose that address to this group and don't worry about all of the hundreds of people who not only are happy with their FT 100's but live comfortably in the knowledge that they can hear every QSO they are involved with due to the FT 100's superior rejection capabilities whether through the better DSP, the IF Shift, or the actually working adjustable Noise Blanker. They also know that they have better/wider RX/TX capabilities in the event of an emergency or for casual scanning, or the ability to use tone squelch in the "D" model (not even an option for the 706 by the way). If audio is the issue remember that with the 706 you have to have an in line preamplifier for any mic other then the stock hand mic due to its lack of audio. They also know how easy the menu is to get around and single button short cuts to often used adjustments, and that anybody could sit down and have a good idea of what each menu item is what as they go through the function menu and not have to guess as with the 706.

I would buy the 706 for its ability to be used with CAT and have more functions to use via this mode so that way I wouldn't have to touch the rig at all. So if this is the most important feature in buying a new rig then by all means buy the 706 and see how much help or support you will get from the 706 users group here on Yahoo. By the way what problems are there with the 706 do you know, do you know the remedies for them if there are? I have heard of several, lets say more then 3, but next to nothing as to remedies. At least with the 100 you know them and how to fix them if need be.

So in conclusion I guess my favorite saying about my FT 100 pretty much somes it up. " you couldn't give me 4 brand new IC 706 MK2G's for my battered and beaten up 2 year old FT 100 (NOT THE "D")" all I would do is take them straight to AES in Orlando and trade them in on 3 new FT 100D's and 3 AM filters for them. I wouldn't even bother to hook them up because I know the FT 100 is the better rig by far even and especially knowing the 2 small and easily fixed "problems".

73 all the best, and Please buy the 706 and loose the address to this group and let the 706 group pat you an the back for buying a deaf and dumb rig.
DE KG4FET Sandor PROUD OWNER OF YAESU'S FT 100 AND ATAS 100

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[Non-text portions of this message have been removed]

# 12625. Re: [FT100] Passion, problems & my $0.02 ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 01:24:27 UTC
From: Steve Jones
Topic: 12620  Message: 12625

George thanks for you understanding reply, now if a couple of others could learn to show some class and understanding. Thanks, Steve, NX1G
----- Original Message -----
From: George Encarnacion
To: FT100@yahoogroups.com
Sent: Wednesday, February 27, 2002 4:42 PM
Subject: [FT100] Passion, problems & my $0.02 ;-)

I can appreciate how some are happy with, and passionate about their FT-100. I too, happen to think it's a radio with good features (even though I still have to get mine fixed.) I can also appreciate how some would feel after spending a bundle on the FT-100 and suffering one or more of these seemingly common faults or failures.

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Let's promote goodwill and common courtesy.
Let's enjoy our hobby.

73, George AH6BV / w1

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12626. Re: [FT100] Digest Number 1127

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 01:26:50 UTC
From: Dan K Nelson
Topic: 12626  Message: 12626

Message: 10
Date: Wed, 27 Feb 2002 09:02:41 -0800 (PST)
From: Paul Manuel <k4pdm@...>
Subject: Re: Digest Number 1126

> No matter how you cut it, considering the number of rigs sold versus the
> number of complaints, you still end up with a product with a less than
> 5% failure rate - which is great for any retail consumer grade
> electronic product.
>
With all due respect, I wonder where you got this number.
If this is true, the normal failure rate for ham rigs in general must be
.05%!
Although I much prefer the FT-100 to the 706, I am enough of a realist to
understand that there are tons of problem comments all over the web and
the bands about my FT-100, and very very few about the
operationally-inferior-but-better-QC ICOM 706. The ostrich-like attitude
of some hams is perplexing...we did not design the rig, we make no money
off it, it is not of our family...If you have no personal stake in it,
please face facts.

73,
Paul K4PDM
>

The 5% falure estimate was by using a little "Kentucky Windage". I'm sure that in reality it is far less than that, but I came up with that guestimate from doing a quick count of the negative posters here and in the newsgroups and counted about 200 different people with problems. If Yaesu only sold 4,000 rigs, then this would amount to a 5% failure rate.

In my personal experiences, out of myself and the others I know that are running an FT-100 (7 total) there have been Zero problems, so in my case the rig has proved to be 100% reliable - but that's the basic problem with statistics. Depending on your data sources, "your milage may vary" :>)

73 de W6DKN

---
---

Message: 11
Date: Wed, 27 Feb 2002 08:55:44 -0700
From: Mike May <mike.may@...>
Subject: Re: Digest Number 1126

>Not true,
>

> in the consumer and commercial electronics world even a 1% failure rate
> is considered poor workmanship standards and not looked at in a positive
> light except maybe by Yaesu.

Well, I once worked for a major manufacturer of consumer electronics goods (VCR's, home and car audio), and their anticipated failure rate for any product was 5%. That was the target number that they based their warranty dollar reserves, production run spares, and cost-to-wholesale price margin on. Some units did much better, and some did worse. Those that did worse were quickly discontinued from the current product line.

73 de W6DKN

# 12627. Re: [FT100] I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 17:35:08 UTC
From: Jerry Harley
Topic: 12595  Message: 12627

Every reflector, on every radio has people crying about something. My FT100 is one of the originals, it has been back to CA Twice ( noisy fans, high SWR cost me a whole $10)and it is still the BEST MAGIC BLACK BOX I have ever owned. I ever worked Greenland mobile about two weeks ago.
I don't understand the big deal about AM. If you bought this for CB, then you spend an extra $950 for nothing. I use a $50 Robyn for CB, works great, although it is tough to listen to 20,000 conversations at once on 19.

Paul Manuel wrote:
>
> --- Steve Jones <nx1g@...> wrote:
> > Howard I don't just see a few of them I see a lot of them and they
> are
> > the same problems and too many not to have some truth to them!!!
> Steve,
> The FT-100 is one of those rigs that comes along every once in a
> while...that really gives a company a "black eye!" I like my (SWR and
> fan
> modified) FT-100 much better than the 706 I had, but I could not
> really
> advise anyone to buy one. Especially with the RF module failures that
> are
> now beginning to occur! Too bad.
> By the way, Yaesu is getting more bad press on their latest
> duo-bander,
> and that wideband scanner/receiver. Check the eham reviews on those
> units,
> FT-100 users, and you'll find we are in good company.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
> Yahoo! Greetings - Send FREE e-cards for every occasion!
> http://greetings.yahoo.com
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.

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# 12628. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 18:05:27 UTC
From: wb6lau
Topic: 12569  Message: 12628

What is the secret on getting the mic out of its' hole - I was was
afraid to tug on the wires - any help appreciated.
73's
Jack

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> And from what I hear, you deserve those donations. I was on 10 FM,
where I
> used to get most of my bad reports, this afternoon and got glowing
reports
> there too. Thank you very much.
>
> John
> K7SVV@A...
> ----- Original Message -----
> From: ft100guy
> To: FT100@y...
> Sent: Tuesday, February 26, 2002 3:55 PM
> Subject: [FT100] Re: Mic and fan mods
>
>
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > I just operated on my mic by removing the baffle and drilling out
> the third
> > hole. clip...I got on 10 meters and got a very
> > good audio report on SSB. I will be on 10 FM later today where I
> hope to
> > get some more good reports.
> >
> > John
> > K7SVV@A...
>
>
> I will accept paypal donations for this mod.. :-)
>
> PS Chas, I beat you to eham with the mod news.. Look a few messages
> before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD
>
>
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>
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# 12629. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 02:34:38 UTC
From: backhoefade
Topic: 12569  Message: 12629

You are smart to ask. The way I did it is I used a tiny jeweler's screwdriver and worked on the rubber gasket at the "top" end of the mic. Can you see how there is a little slot there so you can just barely work the element out? Don't pull on the wires! Once you get the element out then the baffle should just drop right out; if not get the tweezers. Be sure to poke a needle through the 3rd hole. Then carefully put the element back in. Again, that takes some doing also. Someone else held the plastic front piece and I finally got the thing started. Just take your time. You have to sort of line up the grommet all the way around and carefully work the element in there. Don't rush it. You'll get it.
Let me know when you do.
N6AF Chas

--- In FT100@y..., "wb6lau" <kayej@s...> wrote:
> What is the secret on getting the mic out of its' hole - I was was
> afraid to tug on the wires - any help appreciated.
> 73's
> Jack
>
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > And from what I hear, you deserve those donations. I was on 10
FM,
> where I
> > used to get most of my bad reports, this afternoon and got
glowing
> reports
> > there too. Thank you very much.
> >
> > John
> > K7SVV@A...
> > ----- Original Message -----
> > From: ft100guy
> > To: FT100@y...
> > Sent: Tuesday, February 26, 2002 3:55 PM
> > Subject: [FT100] Re: Mic and fan mods
> >
> >
> > --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > > I just operated on my mic by removing the baffle and drilling
out
> > the third
> > > hole. clip...I got on 10 meters and got a very
> > > good audio report on SSB. I will be on 10 FM later today where
I

> > hope to
> > > get some more good reports.
> > >
> > > John
> > > K7SVV@A...
> >
> >
> > I will accept paypal donations for this mod.. :-)
> >
> > PS Chas, I beat you to eham with the mod news.. Look a few
messages
> > before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD
> >
> >
> >
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> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
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> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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Service.

# 12630. RE: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 03:17:37 UTC
From: J. Morgan Ringold
Topic: 12621  Message: 12630

Howard;

I guess I did say it wrong. The Larson antenna is set for the 2 meter band. However, it has been used for over 6 months on 147.075 using an FT-1500 without problems and although I can't remember the actual SWR reading when I checked the antenna several months ago on this frequency - I do know it was very low. I guess my point is that I have a known good antenna and the ATAS and both gives the same high SWR icon on 2 meters.
-----Original Message-----
From: Howard Cunningham [mailto:howardc@...]
Sent: Wednesday, February 27, 2002 8:20 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] 2 Meter Mess

Morgan

In 20 years I have never seen a larson factory tuned antenna. Larson ships antennas for a band, it is up the buyer to tune the antenna for the proper frequency. I would check the tuning of the antenna.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> jringold@... 02/27/02 08:01PM >>>
I currently have an FT-100D, ATAS-100 Antenna, and a Larson Factory Tuned 2
Meter Antenna. Purchased FT-100 in Dec and had high SWR probs on 20 & 40 meters. Returned to CA where it sat for 8 weeks. Just reinstalled last week. Now, SWR problem is gone on HF bands. However, now I have an SWR issue on 2 meter FM. Radio was connected to ATAS and noticed when working local repeater SWR icon came on and power dropped from 50W to about 20W. I
still had the Larson factory tuned 2-meter antenna installed and knew it worked correctly when I had the FT-1500 installed (the week previous). Plugged 2/440 pigtail into Larson with same problem. However, I noted that

during a single transmission the rig will display the High SWR icon and cut
the power down. Then during the same transmission - without even unkeying
the mic - the SWR icon will disappear and power goes back up. Keep in mind
this happens with 2 separate antennas with 2 separate feed lines.

The only thing I can figure is that Yaesu has the SWR threshold set very low
(for example 1.2 to 1) and maybe I'm somewhere between 1.19 to 1 and 1.21 to
1. I haven't yet checked the SWR but several months ago the Larson antenna
reported good SWR and has always performed fine on the FT-1500.

At this point I'm at a loss. I plan to check the SWR this weekend on both
antennas - but I am wondering - does anyone know what the actual SWR
threshold for the FT-100D? Are there any other thoughts on what this could
be?

Thanks much and Best 73,
de KG4PAN
Morgan

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12631. RE: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 03:37:06 UTC
From: Tom Tishken KD4WOV
Topic: 12621  Message: 12631

Sounds like a problem I had. RF feed back from a resonate feed line. Try using a cable the same length that is not connected to anything and hook it up to the HF port, see if the cable length need to be changed for the HF antenna. Or you may be getting RF in from the power cable or speaker cable. unplug any speakers that maybe plugged in. Is this rig remote mounted or is it in one piece?

-----Original Message-----
From: J. Morgan Ringold [mailto:jringold@...]
Sent: Wednesday, February 27, 2002 8:01 PM
To: FT100@yahoogroups.com
Subject: [FT100] 2 Meter Mess

I currently have an FT-100D, ATAS-100 Antenna, and a Larson Factory Tuned 2 Meter Antenna. Purchased FT-100 in Dec and had high SWR probs on 20 & 40 meters. Returned to CA where it sat for 8 weeks. Just reinstalled last week. Now, SWR problem is gone on HF bands. However, now I have an SWR issue on 2 meter FM. Radio was connected to ATAS and noticed when working local repeater SWR icon came on and power dropped from 50W to about 20W. I still had the Larson factory tuned 2-meter antenna installed and knew it worked correctly when I had the FT-1500 installed (the week previous). Plugged 2/440 pigtail into Larson with same problem. However, I noted that during a single transmission the rig will display the High SWR icon and cut the power down. Then during the same transmission - without even unkeying the mic - the SWR icon will disappear and power goes back up. Keep in mind this happens with 2 separate antennas with 2 separate feed lines.

The only thing I can figure is that Yaesu has the SWR threshold set very low (for example 1.2 to 1) and maybe I'm somewhere between 1.19 to 1 and 1.21 to 1. I haven't yet checked the SWR but several months ago the Larson antenna reported good SWR and has always performed fine on the FT-1500.

At this point I'm at a loss. I plan to check the SWR this weekend on both antennas - but I am wondering - does anyone know what the actual SWR threshold for the FT-100D? Are there any other thoughts on what this could be?

Thanks much and Best 73,
de KG4PAN
Morgan

[Non-text portions of this message have been removed]

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# 12632. The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 06:08:26 UTC
From: The Scholtz's
Topic: 12632  Message: 12632

After watching these posts for a couple weeks, I went and purchased a used ft100D (in mint condition) the radio had only MINUTES of use prior to my getting ahold of it. I am a repair technician at a Motorola shop an after hearing of some of the problems people have had with this radio, (everything but the mic mod, excellent idea!) all sound like ground problems. So, this in mind, I took the cover off of my FT100D and looked inside. I see NO benifit to be gained by grounding the RF shields the the aluminum frame that they are already attached to via several solder points to the circut board, which in turn is screwed to the VERY CASE your grounding to. As with most of us Hams, I often think the worst when something goes wrong, and would probably think up some "complex bandaid" as a solution. But I used the K.I.S.S. method and tried the obvious first. I simply took out my #1 phillips and put a turn on EVERY screw that mounts the boards to the case. I think Yaesu has an 8 year old girl putting these screws in! I got a FULL turn on every one. And the heat sinks on ALL the finals took a couple turns to tighten them up. Allthough I havent experianced any problems with my radio ( I havent put it in my truck yet) It would not suprise me if the finals burnt up, or the 10meter fluttered, or the fans werent dependable..... with those screws loose like that! All in all after looking inside that radio I am impressed. Take the cover off your radios and TIGHTEN those screws! They are, in some cases, the only path to ground for several circuts!

And to the one who was up in the air over FT100's and IC706's I am with the majority. HANDS DOWN the FT100 is better!

IT HAS TO BE!, I read a post here where someone was getting their DC ground from their antenna feedline! AND it sounds like after he corrected that, his FT100 is still working! Try that with an "ICUM"!

Just my 2 cents worth!

Jeff Scholtz
KCØJAO

[Non-text portions of this message have been removed]

# 12633. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 04:38:16 UTC
From: Pres Waterman
Topic: 12571  Message: 12633

> I have used connectors may be Lucas for a number of years. In the late

Ya know why the British drink their beer warm, don'tcha?

Lucas refrigerators!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12634. quick removal of radio for mobile installations

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 00:23:16 UTC
From: Ham_Tech@juno.com
Topic: 12634  Message: 12634

http://www.gamberjohnson.com/pdf/SlideMount.pdf

Daniel

# 12635. RE: [FT100] Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 02:32:09 UTC
From: T Chapman
Topic: 12569  Message: 12635

Jack,
I used a large sewing needle to pry the rubber mic mounting out of the hole. Just ease it up a little on each side until it's out. A curved dental tool would probably be perfect for this job.
73s
Tim - KC9AOO

-----Original Message-----
From: wb6lau [mailto:kayej@...]
Sent: Wednesday, February 27, 2002 12:05 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Mic and fan mods

What is the secret on getting the mic out of its' hole - I was was afraid to tug on the wires - any help appreciated.
73's
Jack

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> And from what I hear, you deserve those donations. I was on 10 FM, where I
> used to get most of my bad reports, this afternoon and got glowing reports
> there too. Thank you very much.
>
> John
> K7SVV@A...
> ----- Original Message -----
> From: ft100guy
> To: FT100@y...
> Sent: Tuesday, February 26, 2002 3:55 PM
> Subject: [FT100] Re: Mic and fan mods
>
>
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > I just operated on my mic by removing the baffle and drilling out the third
> > hole. clip...I got on 10 meters and got a very
> > good audio report on SSB. I will be on 10 FM later today where I hope to
> > get some more good reports.
> >
> > John
> > K7SVV@A...
>
>

> I will accept paypal donations for this mod.. :-)
>
> PS Chas, I beat you to eham with the mod news.. Look a few messages
> before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD
>
>
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>
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[Non-text portions of this message have been removed]

# 12636. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 09:44:02 UTC
From: Eric van de Weyer
Topic: 12571  Message: 12636

Why don't you just order them direct from Powerwerx ( www.powerwerx.com ).

If you order a decent number then the shipping from the US is not that bad. That is how I obtained mine here in Australia. I have ordered twice from them, each time I got 100 sets. Their despatch is very good. Took about 9 or 10 days to get to me.

I have already used up the first 100 and am into the second 100. I also got some of the 75A ones for larger battery connections.

Maybe a few of you can get together and order a quantity of them for even bigger savings. We have also done that at our local radio club.

73....Eric VK2KUR

-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: Thursday, 28 February 2002 7:28 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] RE: DC Cable

Thanks to all that replied, getting hold of these Powerpoles is not that easy in the UK, the distributer won't e them and the retailers only carry the SB50's which I don't think are suitable. RS Components who retail these,
will sell me 10 of each colour but will charge me huge amounts to send them
to me!!. They will sell me them over the counter if I am trade, which I am not.
I won't give up though!!!!!!

Paul
G0SNW
----- Original Message -----
From: <emoxon@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 27, 2002 6:48 PM
Subject: [FT100] RE: DC Cable

> Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them on
> your rig(s), your shack supply, your batteries, your battery combiner. Great
> little connector -- contacts are recessed and they're hermaphroditic so
> everything mates with everything. If you have long runs requiring real heavy
> gauge wire, don't worry about it -- just cut down the diameter at the

end
> where it enters the contact by trimming off some strands before
soldering.
> (Take care not to get solder on the business end of the contact.)
> Mfgr: www.andersonpower.com.
> www.powerwerx.com has red/black sets in ham quantities. Dunno abt int'l
> shipping.
> Ed, K1GGI .
>
> > -----Original Message-----
> > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > From: "Paul Rogers" <plprogers@...>
> > Subject: DC Cable
> >
> > I don't know if this subject has been covered before, but here goes
> > anyway.
> >
> > I want to use my FT100 in 3 areas, from home, in the car daily and
also
in
> > my Motorhome (RV).
> >
> > I don't want to pay 30 UKP for each of the DC cables, so has anyone
come
> > up
> > with an alternative method.
> >
> > Thanks in advance.
> >
> > Paul
> > G0SNW
> >
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 12637. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 10:03:17 UTC
From: Cliff Bryant
Topic: 12571  Message: 12637

I feel compelled to inform the honourable gentlemen that we British drink our beer at cellar temperature.

:-)

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: 28 February 2002 04:38
To: Cliff Bryant
Subject: Re: [FT100] RE: DC Cable

> I have used connectors may be Lucas for a number of years. In the late

Ya know why the British drink their beer warm, don'tcha?

Lucas refrigerators!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

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[Non-text portions of this message have been removed]

# 12638. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 10:16:06 UTC
From: G1ITV
Topic: 12571  Message: 12638

----- Original Message -----
From: Cliff Bryant <CliffB@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, February 28, 2002 10:03 AM
Subject: RE: [FT100] RE: DC Cable

> I feel compelled to inform the honourable gentlemen that we British
> drink our beer at cellar temperature.
>
> :-)
Further to my honourable countryman's comment that would be 52deg.F.

Your humble servant, FT100 owner and "Dark Mild" swiller Ken G1ITV.

# 12639. Want to use FT100+Headset while mobile - any recommandations??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 10:38:56 UTC
From: Lenz Grassl
Topic: 12639  Message: 12639

Hi the whole group!

I use my FT100 since 2.5 years. I like this radio and now I thought to use it with a headset especially for the mobile operation.

Are there any recommandations WHICH headset is best for ham-radio usage and suitable for the FT100 as well? How much are such kind of headsets?

Thanks for all your hints!

Lenz, DL8RDL

# 12640. Re: [FT100] Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 13:50:04 UTC
From: luiz lissoni
Topic: 12569  Message: 12640

All, I did the mod last night, completly but... I still looking for good reports, better than my ?706 with stock mic. I do believe that we need find another mic to this rig, because it?s a worderful machine. It?s hard to believe but in my case, same day, same antenna and same frequency the worst reports I get is related to FT100D. Bye ---
backhoefade wrote: You are smart to ask. The way I did it is I used a tiny jeweler's screwdriver and worked on the rubber gasket at the "top" end of the
mic. Can you see how there is a little slot there so you can just
barely work the element out? Don't pull on the wires! Once you get
the element out then the baffle should just drop right out; if not
get the tweezers. Be sure to poke a needle through the 3rd hole.
Then carefully put the element back in. Again, that takes some doing
also. Someone else held the plastic front piece and I finally got the
thing started. Just take your time. You have to sort of line up the
grommet all the way around and carefully work the element in there.
Don't rush it. You'll get it.
Let me know when you do.
N6AF Chas

--- In FT100@y..., "wb6lau" wrote:
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> Jack
>
> --- In FT100@y..., "John McClain" wrote:
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> reports
> > there too. Thank you very much.
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> > John
> > K7SVV@A...
> > ----- Original Message -----
> > From: ft100guy
> > To: FT100@y...
> > Sent: Tuesday, February 26, 2002 3:55 PM
> > Subject: [FT100] Re: Mic and fan mods
> >
> >
> > --- In FT100@y..., "John McClain" wrote:
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I
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> > > get some more good reports.
> > >
> > > John
> > > K7SVV@A...
> >
> >
> > I will accept paypal donations for this mod.. :-)
> >
> > PS Chas, I beat you to eham with the mod news.. Look a few
messages
> > before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD
> >
> >
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o4)

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Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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# 12641. Re: [FT100] Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 13:50:06 UTC
From: luiz lissoni
Topic: 12569  Message: 12641

All, I did the mod last night, completly but... I still looking for good reports, better than my ?706 with stock mic. I do believe that we need find another mic to this rig, because it?s a worderful machine. It?s hard to believe but in my case, same day, same antenna and same frequency the worst reports I get is related to FT100D. Bye ---
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glowing
> reports
> > there too. Thank you very much.
> >
> > John
> > K7SVV@A...
> > ----- Original Message -----
> > From: ft100guy
> > To: FT100@y...
> > Sent: Tuesday, February 26, 2002 3:55 PM
> > Subject: [FT100] Re: Mic and fan mods
> >
> >
> > --- In FT100@y..., "John McClain" wrote:
> > > I just operated on my mic by removing the baffle and drilling
out

> > the third
> > > hole. clip...I got on 10 meters and got a very
> > > good audio report on SSB. I will be on 10 FM later today where
I
> > hope to
> > > get some more good reports.
> > >
> > > John
> > > K7SVV@A...
> >
> >
> > I will accept paypal donations for this mod.. :-)
> >
> > PS Chas, I beat you to eham with the mod news.. Look a few
messages
> > before yours.. Na nanny na na.. ;-) Tnx Richy N2ZD
> >
> >
> >
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> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
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/R=0/*http://service.bfast.com/bfast/click?bfmid=29150849&siteid=39249818&bfpage=moneyyaho
o4)

Post message: FT100@yahoogroups.com
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# 12642. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 15:06:07 UTC
From: Pres Waterman
Topic: 12571  Message: 12642

> I feel compelled to inform the honourable gentlemen that we British
> drink our beer at cellar temperature.

What, like after you have been on the cellular phone a while, and it gets
really warm?

;-)))))

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12643. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 15:22:14 UTC
From: Cliff Bryant
Topic: 12571  Message: 12643

No no, cellar as in

Definition
<http://dictionary.cambridge.org/assets/definition_heading.gif>

(from Cambridge International Dictionary of
<http://uk.cambridge.org/elt/cide> English)

cellar
noun [C]
a room under the ground floor of a building, usually used for storage

Are you having trouble with the language?

Cliff

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: 28 February 2002 15:06
To: Cliff Bryant
Subject: Re: [FT100] RE: DC Cable

> I feel compelled to inform the honourable gentlemen that we British
> drink our beer at cellar temperature.

What, like after you have been on the cellular phone a while, and it
gets
really warm?

;-)))))

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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4908779%3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A
=847665/R=1>

<http://us.adserver.yahoo.com/l?M=215002.1818248.3328688.1261774/D=egroupmail/S=1705063108:HM/A=847665/rand=119878476>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12644. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 16:42:34 UTC
From: backhoefade
Topic: 12569  Message: 12644

Set your MIC gain to 65, turn off the MIC DSP and talk in a just slightly elevated voice about 4 inches from the mic. --- In FT100@y..., luiz lissoni wrote: > All, I did the mod last night, completly but... > > I still looking for good reports, better than my ¨706 > with stock mic. I do believe that we need find another > mic to this rig, because it´s a worderful machine. > > It´s hard to believe but in my case, same day, same > antenna and same frequency the worst reports I get is > related to FT100D. > > Bye > --- backhoefade wrote: > > > > > > > You are smart to ask. The way I did it is I used > a tiny jeweler's
> screwdriver and worked on the rubber gasket at the > "top" end of the
> mic. Can you see how there is a little slot > there so you can just
> barely work the element out? Don't pull on the > wires! Once you get
> the element out then the baffle should just drop right > out; if not
> get the tweezers. Be sure to poke a needle > through the 3rd hole.
> Then carefully put the element back in. Again, > that takes some doing
> also. Someone else held the plastic front piece and I > finally got the
> thing started. Just take your time. You > have to sort of line up the
> grommet all the way around and carefully work the > element in there.
> Don't rush it. You'll get it.
> Let me know when you do.
> N6AF Chas
>
> --- In FT100@y..., "wb6lau" > kayej@s... wrote:
> > What is the secret on getting the mic out of its' > hole - I was was
> > afraid to tug on the wires - any help > appreciated.
> > 73's
> > Jack
> >
> > --- In FT100@y..., "John McClain" > digi2@e... wrote:
> > > And from what I hear, you deserve those > donations. I was on 10
> FM,
> > where I
> > > used to get most of my bad reports, this > afternoon and got
> glowing
> > reports
> > > there too. Thank you very much.
> > >
> >; > John
> > > K7SVV@A...
> > > ----- Original Message -----
> > > From: ft100guy
> > > To: FT100@y...
> > > Sent: Tuesday, February 26, 2002 3:55 PM
> > > Subject: [FT100] Re: Mic and fan mods
> > >
> > >
> >; > --- In FT100@y..., "John McClain" > digi2@e... wrote:

> > > > I just operated on my mic by removing > the baffle and drilling
> out
> > > the third
> > > > hole. clip...I got on 10 meters and got > a very
> > > > good audio report on SSB. I will > be on 10 FM later today where
> I
> > > hope to
> > > > get some more good reports.
> > > >
> > > > John
> > > > K7SVV@A...
> >; >
> > >
> > > I will accept paypal donations > for this mod.. :-)
> > >
> > > PS Chas, I beat you to eham with the mod > news.. Look a few
> messages
> > > before yours.. Na nanny na na.. ;-) > Tnx Richy N2ZD
> > >
> > >
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> > >
> > >
> > >
> > > Post > message: ; > FT100@y...
> > > > Subscribe: > FT100-subscribe@y...
> > > > Unsubscribe: ; &nbs p; > FT100-unsubscribe@y...
> > > List > owner: &nbs p; > FT100-owner@y...
> > > FAQ on > WWW: >
href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa q.html
> > >
> > > We are all a part of this Lets make it as > good as possible.
> > >
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bfmid=29150849&siteid=39249818&bfpage=moneyyahoo4" >
src="http://us.a1.yimg.com/us.yimg.com/a/sh/sharebuilder/300x250_blue_ gen_msn.gif" >
alt="" width="300" height="250" > border="0">
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src="http://us.adserver.yahoo.com/l?
M=217097.1902236.3397169.1261774/D=egroupmail/S=1705063108:HM/A=960173 /rand=274002657">
>
> > > > >
> > Post > message: > FT100@y...
> Subscribe: > FT100-subscribe@y...
> Unsubscribe: &nbs p; > FT100-unsubscribe@y...
> List > owner: &nbs p; > FT100-owner@y...
> FAQ on > WWW: > href="http://www.k0lee.com/ft100faq.html">http://www.k0lee.com/ft100fa
q.html
>
> We are all a part of this Lets make it as good as > possible. >
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# 12645. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 17:04:00 UTC
From: Pres Waterman
Topic: 12571  Message: 12645

> No no, cellar as in

Yes! I have a cellar phone too!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12646. Re: I have read everything from Eham, reflectors,to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 17:00:14 UTC
From: kg4fet
Topic: 12595  Message: 12646

--- In FT100@y..., "Steve Jones" <nx1g@r...> wrote:
> I have one response to you and your attack on me because I asked for good solid feedback and give me a break on the either a diode or resistor or whatever. You sound like someone that would take issue with anybody and everybody if they question the reliability of a product you own like it is family or something...it's just a piece of electronics, get a grip. Read my MSG, I don't like Icums and yes I mean Icums. I am a Yaesu fan, but I don't buy radio gear with my hard earned money if it has problems, the FT100D has problems, you know it, I know it and so do most people. They have just had to band aide them to make the radio work like it should from Yaesu to start with. If you don't like my post, you know how to hit the delete button don't you since you know how to fix all those problems with the FT100 so surely you can hit the delete button. This is America and this is a free country. If the person who moderates this group does not like how I responded to KG4FET then band me from the board. If this is the kind of crap you get for asking an honest and fair question, I don't need the hassle. 73 and thanks to those who were man enough respond like grown men instead of this guy who acted like I hurt his and his FT100D's feelings, hi hi LOL. 73, Steve

Steve,
It was not ment to be an attack and I admit that it did sound taht way and I apologize. What my problem is that we get guys coming in the group on a regular basis slaming the FT 100 for it's numerouas problems. What it boils down to is thatt it has 2 major problems and 2 well one now minor problem. As far as I am concerened If you dont own one and you are thinking about buying one then why come in and slam the rig before you even buy one? I think that going into buying a rig with you eyes open knowing it potentialy has a couple of well documented problem and that the remedies are quite simple IE do it yourself or send it back to the factory before you even get a chance to miss the rig. With a 6-8 week turn around on Warranty repairs and you have had a chance to really get to know the rig YOU WILL MISS IT!

I usually answer almost all of the 706 VS FT 100 posts in a positive manner pointing out all of the good AND bad points of the FT 100 and even some goods points about the IC 706. Someting in your origimal post just struck the wrong cord with me and I went off. I do apologize. This is how I would have normally answered the debate

FT 100 Pros/706 cons
A working NB that is user adjustable via the function menu. The 706's is all but usless

A funtional DSP

Tone encode and DEcode. Decode is not an option with the 706

Easy to navigate menus with understandable abreviations.
Single button Short cuts to often used selections in the Function menu.

300 Memories plus a bunch nore for Home Freq's. strange offset such as sattelites, and Band limits for scanning.

Wider RX/TX ranges when moddified

Better all around RX with 100% better rejection of intermod and adjacent channel. It maybe that the FT 100 and the 706 almost look identical in the published specs on RX'er sensitivity, However in real World conditions the FT 100 wins the RX'er contest hands down in side by side comparisons IN THE REAL WORLD not on a work bench in a lab.

FT 100 cons
Know problems with SWR in 10 mtrs. The fix is widely published on the net.

Fans do not cycle as they should on U/VHF. Again the fix is widely published on the net.

No true cross band repeat.

unable to use the mics keypad for direct freq entry. This is a HUGE problem for a mobile rig. This means you have to take your eyes off the road to dial a freq in if it is not in memory.

Limited CAT usability. there are a large amount of functions available via CAT. If CAT is one of the major buying points on a rig trade all of the good stuff the FT 100 offers off for a 706. Things such as the DSP and its adjustment ARE NOT available through CAT.

Again I believe that know what you are possibly getting into (some places such as HRO I hear have already modded rigs in stock) when you purchase the FT 100 makes you an educated consumer. I do not believe that we should have to buy a rig that may not work correctly out of the box. With the 706 you might get a good rig you might not. You wont find much about problems with it in the major groups but that is because (and I have seen it happen)they remove the postings complaining about a problem with the rig. I have seen this happen in 2 big boards.
73
Sandor KG4FET PROUD OWNER OF YAESU'D FT 10 AND ATATS 100

# 12647. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 17:21:00 UTC
From: Cliff Bryant
Topic: 12571  Message: 12647

Ha ha! Good one!

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: 28 February 2002 17:04
To: Cliff Bryant
Subject: Re: [FT100] RE: DC Cable

> No no, cellar as in

Yes! I have a cellar phone too!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 12648. Re: [FT100] The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 13:30:19 UTC
From: Paul Manuel
Topic: 12632  Message: 12648

--- The Scholtz's <scholtz@...> wrote:
. I see NO benifit to be gained by grounding the RF
> shields the the aluminum frame that they are already attached to via
> several solder points to the circut board, which in turn is screwed to
> the VERY CASE your grounding to.
You are lucky. I hope you are not implying that the rest of us did not make sure all the screws were tight before we tried something else! Nothing got rid of my spurious oscillation,even into a dummy load, until I improved the internal grounding. Many others have had the same experience.

It is very frustrating to see, after all the well-documented incidents posted for the last couple of years, that people still refuse to believe that these widespread problems exist. This group is largely made up of people with extensive amateur and/or commercial experience (in my case, broadcasting for 26 years.)

I do not doubt that you, at least temporarily, fixed your rig. I also say again, you are lucky to have one that is so easily fixed.

I want to thank the group for all the useful information for the last two years and say again that the FT-100 is a wonderful rig when working right, and I feel that it has been worth working through its considerable problems. Not that anyone cares, but I feel that this will be my last posting on the subject.

73,
Paul K4PDM

_____
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# 12649. Re: [FT100] I have read everything from Eham, reflectors, to...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-27 14:25:51 UTC
From: Robert M. Curran
Topic: 12587  Message: 12649

Steve - I take everything I read with a grain of salt. Sometimes a whole bag of it. I have no numbers on it but I also suspect that we mostly hear the problems and little of everyone whose radio works fine. Just look at the newspaper or the TV news - do you see stories about things that went right?

I am the second person 2 use the FT-100/ATAS-100 combo in my car. As far as I know the covers have never been off of it. I get good reports from everyone I talk to. One person even was surprised that I was signing mobile - he said I sounded like a base station. I hope that my experience is typical rather than a lucky one.

My advise would be to play with all of the rigs you are looking at and see which one is easiest for YOU to use. . . especially if you are going to use it mobile where I think that ease of operation tops all other consideration.

Of course take all of this with a grain of salt too. But it's my opinion - your mileage may vary.

73 - Bob N9TJC

_____
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# 12650. Re: Want to use FT100+Headset while mobile - any recommandations??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 16:36:34 UTC
From: bed143
Topic: 12639  Message: 12650

--- In FT100@y..., Lenz Grassl <mailingliste@s...> wrote:
> Hi the whole group!
>
> I use my FT100 since 2.5 years. I like this radio and now I thought
to use
> it with a headset especially for the mobile operation.
>
> Are there any recommandations WHICH headset is best for ham-radio
usage and
> suitable for the FT100 as well? How much are such kind of headsets?
>
> Thanks for all your hints!
>
> Lenz, DL8RDL

I use the Heil BM-10-5 and find the audio quality based on reports is
great.

# 12651. SWR - FT100 - ATAS100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 14:38:34 UTC
From: gerdathen
Topic: 12651  Message: 12651

Hi there,

I am also an owner of the best rig "FT100" and using an ATAS100 too.

I did not do the SWR Mod, because I mod my mind and went back to my books.

Where should we check the SWR? Direct at the Antenna, OR ? I did and found out that it is different than behind the TRX !!!!!!!!

What is between it? Cable, isn't it?

Some change of cable with different length, gave different results, so I started thinking again and it was easy to find out why.

We are using usably half wave length antennas and nobody care about the cable length, but we also should tune the cable by the length !!!!

I checked the bands to get the worse result, at my on 20 meters at 14.313 Mhz, I am using to get the Intermare information for sailors. The cable I am using is RG213

The shorting factor for it is 0.66.

I set up my cable (( c/2 for have wave * 0.66) / 14.313) = 6.917m
the length from the radio to the antenna is about 9 meters, so I made a cable twice 6.917 m ( in one piece J)) and rechecked the SWR, it was excellent. I never get that bat SWR Icon again.

Now, I am using a diplexer, so I shorted the HF Cable a bit, related to the physical length internal the diplexer and did the same calculation for 2 meter and prepared a separated cable for 2 m and 70 cm to be changed.

Think about it, have you own experience and you will have more fun with this little black box, I never will give away.

Best Regards Gerhard

73 de SV0GRM

# 12652. Re: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 19:00:06 UTC
From: kb3bmt@juno.com
Topic: 12621  Message: 12652

Hate to put in the obvious, but did you change the settings to indicate
that you were using two separate antennas?

Jim
KB3BMT

On Wed, 27 Feb 2002 22:17:37 -0500 "J. Morgan Ringold"
<jringold@...> writes:
> Howard;
>
> I guess I did say it wrong. The Larson antenna is set for the 2
> meter band.
> However, it has been used for over 6 months on 147.075 using an
> FT-1500
> without problems and although I can't remember the actual SWR
> reading when I
> checked the antenna several months ago on this frequency - I do know
> it was
> very low. I guess my point is that I have a known good antenna and
> the ATAS
> and both gives the same high SWR icon on 2 meters.
> -----Original Message-----
> From: Howard Cunningham [mailto:howardc@...]
> Sent: Wednesday, February 27, 2002 8:20 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] 2 Meter Mess
>
>
> Morgan
>
> In 20 years I have never seen a larson factory tuned antenna.
> Larson
> ships antennas for a band, it is up the buyer to tune the antenna
> for the
> proper frequency. I would check the tuning of the antenna.
>
> hc
>
> Howard Cunningham
> MACRO Systems, LLC
> 3867 Plaza Drive
> Fairfax, VA 22030
>
> (703) 359-9211
> (703) 591-0446 (F)

> www.macrollc.com
>
> howardc@...
> for service: service@...
>
>
> >>> jringold@... 02/27/02 08:01PM >>>
> I currently have an FT-100D, ATAS-100 Antenna, and a Larson
> Factory Tuned
> 2
> Meter Antenna. Purchased FT-100 in Dec and had high SWR probs on
> 20 & 40
> meters. Returned to CA where it sat for 8 weeks. Just
> reinstalled last
> week. Now, SWR problem is gone on HF bands. However, now I have
> an SWR
> issue on 2 meter FM. Radio was connected to ATAS and noticed when
> working
> local repeater SWR icon came on and power dropped from 50W to
> about 20W.
> I
> still had the Larson factory tuned 2-meter antenna installed and
> knew it
> worked correctly when I had the FT-1500 installed (the week
> previous).
> Plugged 2/440 pigtail into Larson with same problem. However, I
> noted
> that
> during a single transmission the rig will display the High SWR
> icon and
> cut
> the power down. Then during the same transmission - without even
> unkeying
> the mic - the SWR icon will disappear and power goes back up.
> Keep in
> mind
> this happens with 2 separate antennas with 2 separate feed lines.
>
> The only thing I can figure is that Yaesu has the SWR threshold
> set very
> low
> (for example 1.2 to 1) and maybe I'm somewhere between 1.19 to 1
> and 1.21
> to
> 1. I haven't yet checked the SWR but several months ago the
> Larson
> antenna
> reported good SWR and has always performed fine on the FT-1500.
>
> At this point I'm at a loss. I plan to check the SWR this weekend

> on both
> antennas - but I am wondering - does anyone know what the actual
> SWR
> threshold for the FT-100D? Are there any other thoughts on what
> this
> could
> be?
>
> Thanks much and Best 73,
> de KG4PAN
> Morgan
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
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>

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# 12653. RE: [FT100] The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-02-28 23:35:58 UTC
From: Cliff Bryant
Topic: 12632  Message: 12653

Paul

Please don't make this your last posting on this subject. Informed, intelligent comment is always welcome as far as I'm concerned.

Cliff, G4PZK

-----Original Message-----
From: Paul Manuel [mailto:k4pdm@...]
Sent: 28 February 2002 13:30
To: Cliff Bryant
Subject: Re: [FT100] The wonderfull FT100D

--- The Scholtz's <scholtz@...> wrote:
. I see NO benifit to be gained by grounding the RF
> shields the the aluminum frame that they are already attached to via
> several solder points to the circut board, which in turn is screwed to
> the VERY CASE your grounding to.
You are lucky. I hope you are not implying that the rest of us did not make sure all the screws were tight before we tried something else! Nothing got rid of my spurious oscillation,even into a dummy load, until I
improved the internal grounding. Many others have had the same experience.

It is very frustrating to see, after all the well-documented incidents posted for the last couple of years, that people still refuse to believe that these widespread problems exist. This group is largely made up of people with extensive amateur and/or commercial experience (in my case, broadcasting for 26 years.)

I do not doubt that you, at least temporarily, fixed your rig. I also say
again, you are lucky to have one that is so easily fixed.

I want to thank the group for all the useful information for the last two
years and say again that the FT-100 is a wonderful rig when working right,
and I feel that it has been worth working through its considerable problems. Not that anyone cares, but I feel that this will be my last posting on the subject.

73,
Paul K4PDM

---
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Post message: FT100@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12654. Yaesu Repair Update

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 00:12:08 UTC
From: alwayslookin36
Topic: 12654  Message: 12654

The ft-100 was sent to CA third week in Jan and rec'd 25th January.
Logged in the 4th of Feb. Not bad. Checked today, 5 more weeks.
Hope that helps someone else that is waaiting. Thanks Mark KG8DP

# 12655. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 01:19:04 UTC
From: backhoefade
Topic: 12632  Message: 12655

Of course that's the required mod. Do you think the Yaesu service center would spend time adding an unnecessary bandaid that doesn't really help? They already elected to "save cost" by not having a recommended recall. The need for the straps is confirmed. It's just a shame that the rig ever needed it. True thought, some of the marginally unstable rigs may "get well" by just cranking down on the screws. I found months ago that adding some Eco-sorb material helped too. But I found that the added straps yielded absolutely rock solid results.

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
>
> --- The Scholtz's <scholtz@n...> wrote:
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> 73,
> Paul K4PDM
>
>
>
> ---------------------------------------------------
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# 12656. Interesting yaesu problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 02:43:23 UTC
From: kg4mex
Topic: 12656  Message: 12656

I recently acquired 2 FT 100d's

They were 23 numbers apart (close date of manufacture-probably same week)

One had the bad swr issue right out of the box
One works flawlessly.

Interesting.

Does anyone have the swr mods in a better picture than the one posted here>? i cant see it well enough to tell where they go...

Thanks

Chris

# 12657. japanese mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 02:51:06 UTC
From: darby542000
Topic: 12657  Message: 12657

i have a japanese version ft 100d.it wont transmit on the U.S. 2 meter frequencys,it stops at 146.000 anyone help??

# 12658. Re: [FT100] japanese mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 03:38:21 UTC
From: Chris Breads
Topic: 12657  Message: 12658

I've found that for the japanese versions, the best
course of action is to smack the CPU several times
with a small ball-peen hammer.

That usually knocks the cpu into place and then the
radio opens up for full tx/rx!!

:)

hamb

--- darby542000 <darby542000@...> wrote:
> i have a japanese version ft 100d.it wont transmit
> on the U.S. 2
> meter frequencys,it stops at 146.000 anyone help??
>
>
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# 12659. Re: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 04:02:51 UTC
From: Wilfrid Maillet
Topic: 12621  Message: 12659

Just bought and installed a Larsen 2/440 antenna after mine was stolen. The label on the antenna plastic bag says PRE TUNED no adjustment needed. Why does Larsen say this if tuning is required? They should keep quiet, and the ham would then assume that tuning WAS required.

# 12660. Re: [FT100] Digest Number 1127

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 04:03:27 UTC
From: Wilfrid Maillet
Topic: 12626  Message: 12660

When people are saying "considering the number of FT-100's sold" Where do they get this data? I would not know where to go to get info on the number of FT-100's sold in the USA. Too many generalties here!

# 12661. Re: Mic and fan mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 07:31:31 UTC
From: gdsteele
Topic: 12569  Message: 12661

Will this mod help the audio on any other of my Yaesu rigs - like the FT8100?

--- In FT100@y..., "T Chapman" <tchapman36@a...> wrote:
> Jack,
> I used a large sewing needle to pry the rubber mic mounting out of the
> hole. Just ease it up a little on each side until it's out. A curved
> dental tool would probably be perfect for this job.
> 73s
> Tim - KC9AOO
>
> -----Original Message-----
> From: wb6lau [mailto:kayej@s...]
> Sent: Wednesday, February 27, 2002 12:05 PM
> To: FT100@y...
> Subject: [FT100] Re: Mic and fan mods
>
>
> What is the secret on getting the mic out of its' hole - I was was
> afraid to tug on the wires - any help appreciated.
> 73's
> Jack
>
> --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > And from what I hear, you deserve those donations. I was on 10 FM,
> where I
> > used to get most of my bad reports, this afternoon and got glowing
> reports
> > there too. Thank you very much.
> >
> > John
> > K7SVV@A...
> > ----- Original Message -----
> > From: ft100guy
> > To: FT100@y...
> > Sent: Tuesday, February 26, 2002 3:55 PM
> > Subject: [FT100] Re: Mic and fan mods
> >
> >
> > --- In FT100@y..., "John McClain" <digi2@e...> wrote:
> > > I just operated on my mic by removing the baffle and drilling

out
> > the third
> > > hole. clip...I got on 10 meters and got a very
> > > good audio report on SSB. I will be on 10 FM later today where
I
> > hope to
> > > get some more good reports.
> > >
> > > John
> > > K7SVV@A...
> >
> >

# 12662. New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 02:44:08 UTC
From: ft100guy
Topic: 12662  Message: 12662

A few word of advice to those who are new or those who refuse to believe the truth.

This rig must have the swr mod and fan mod performed BEFORE you have trouble. Dont make calls to Yaesu as it has been established here that they are less than "forthright" on the topic. The first thing you must do is make sure your rig contains the swr mod, open the top cover and look for it (hint: match your rig to the one shown in the FT100 archives).

Mod the fan ground with the resistor, you can post here all you want and say that "mine is fine" etc. To those who know, you are simply being foolish and needless to say inserting your foot in your pie hole. Too many people have been blowing finals and suffering with Hi SWR falsing to stop now and listen to your opinion.

Listen to whats been established here, we all want these rigs to sound nice and work as expected. Forget what you think and do what the radio requires to be right. In many cases Yaesu will perform these mods or some variation of the above to these rigs when under warranty or in some cases even after..

Many of us here have spent a few nights with mucho cups of coffee trying to iron out the bugs. Wanna set your new rig up right then make sure you install this thing right.

Firstly, begin by going thru the archives here to see whats what. Alot can be learned and pitfalls avoided if you read and download some of the stuff there. Also check out Lee's site to gain understanding about the care and feeding of FT100's. Check below for some basic practices when installing this radio, below are mobile examples, just follow these quidelines for starters and use it for base installations also.

1. Fan Mod (Yaesu will perform this using a thermal switch, I like the resistor better.)
2. SWR mod (Yaesu will do this as well.) Expect and 8 week delay though... :-(
3. Two grounds from the sides of the radio to the vehicle chassis or metal body, floor etc..
4. One ground near the base of the antenna and mount
5. Set your menus as posted here as these will offer up the best settings for starters.
6. A few loops of coax will also tame swr variances so this is a good idea too.
7. In the mobile, get a good external speaker (many like the

clearspeech dsp for use with the FT100.)
8. Do the Mic mod, getting complaints that the audio is muffled? Then poke out the third hole and remove the baffle. No ill effects in the mobile have been noted regarding noise so >>> get crackin.
9. Run your leads direct to the battery and make sure you swap out the crappy Yaesu fuse holders for some good ones.
10. Make sure you run this rig with no less than 12.5 volts as it is known that the rig is unhappy below that point. Run the vehicle if need be.
11. ATAS owners, use a good dual band antenna for UHF and VHF and avoid duplexors to use the ATAS for those bands. Its good in a pinch but the ATAS stinks on those bands and is much better suited for HF operation and its alright on 6m.

It sounds like alot to do but its imperative in any installation to have good grounding and an impeccable setup for things to work right. If you feel this is too much to do then mobile operating may not be for you. Modding and tinkering is what this is all about. This rig requires some attention to detail when installing but its well worth your time and effort.

Yes there are duds out there and there are radios which refuse to work as expected. Most are pretty good with a few of the mods done to them. Most work swell "outta da box" but expect swr problems as the sticky copper tape takes a dump. In addition prolonged use of the UHF and VHF bands without the fan mod will cause problems in a few areas (HF and UHF/VHF RX degradation and overheated voltage regulator for starters,) it may work swell now but smoke is in your future.

Good Luck with your rigs.. Regards.. Richy N2ZD

# 12663. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 02:47:00 UTC
From: ft100guy
Topic: 12632  Message: 12663

```
--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Of course that's the required mod. Do you think the Yaesu service
> center would spend time adding an unnecessary bandaid that doesn't
> really help? They already elected to "save cost" by not having a
> recommended recall. The need for the straps is confirmed. It's
just
> a shame that the rig ever needed it. True thought, some of the
> marginally unstable rigs may "get well" by just cranking down on
the
> screws. I found months ago that adding some Eco-sorb material
helped
> too. But I found that the added straps yielded absolutely rock
solid
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> > --- The Scholtz's <scholtz@n...> wrote:
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> > broadcasting for 26 years.)
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> > problems. Not that anyone cares, but I feel that this will be my
> last
> > posting on the subject.
> >
> > 73,
> > Paul K4PDM
> >

Bravo Paul and Chas, couldnt have said it better myself. Regards..
Richy N2ZD

# 12664. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 02:58:30 UTC
From: ft100guy
Topic: 12632  Message: 12664

--- In FT100@y..., "The Scholtz's" <scholtz@n...> wrote:
> After watching these posts for a couple weeks, I went and purchased a used ft100D (in mint condition) the radio had only MINUTES of use prior to my getting ahold of it. I am a repair technician at a Motorola shop an after hearing of some of the problems people have had with this radio, (everything but the mic mod, excellent idea!) all sound like ground problems. So, this in mind, I took the cover off of my FT100D and looked inside. I see NO benifit to be gained by grounding the RF shields the the aluminum frame that they are already attached to via several solder points to the circut board, which in turn is screwed to the VERY CASE your grounding to. As with most of us Hams, I often think the worst when something goes wrong, and would probably think up some "complex bandaid" as a solution. But I used the K.I.S.S. method and tried the obvious first. I simply took out my #1 phillips and put a turn on EVERY screw that mounts the boards to the case. I think Yaesu has an 8 year old girl putting these screws in! I got a FULL turn on every one. And the heat sinks on ALL the finals took a couple turns to tighten them up. Allthough I havent experianced any problems with my radio ( I havent put it in my truck yet) It would not suprise me if the finals burnt up, or the 10meter fluttered, or the fans werent dependable..... with those screws loose like that! All in all after looking inside that radio I am impressed. Take the cover off your radios and TIGHTEN those screws! They are, in some cases, the only path to ground for several circuts!
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> And to the one who was up in the air over FT100's and IC706's I am with the majority. HANDS DOWN the FT100 is better!
>
> IT HAS TO BE!, I read a post here where someone was getting their DC ground from their antenna feedline! AND it sounds like after he corrected that, his FT100 is still working! Try that with an "ICUM"!
>
> Just my 2 cents worth!
>
> Jeff Scholtz
> KCØJAO

Hi Jeff,

Your impressions were noted but in fact all of us had tried the above. One guy suggested star washers under the pc poards so the grounding points dig into the aluminum and soldered circles, great idea but it didnt always work. The points which are grounded as a documented mod prevent stray rf at those points indicated from

bleeding over to adjacent circuits. Your welcome to try it and report back but we have all found that the strap mod along with some other important mods help prevent future problems and failures.
Although nothing is perfect nor does everything last forever, these mods have helped keep countless FT100's working right and on the air.

PS. If you like the Mic mod, contact me for Paypal information, I will siphon off a few bucks to Chas for his baffle update to the mod :-)

Regards.. Richy N2ZD

# 12665. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 04:21:21 UTC
From: hfolgering
Topic: 12632  Message: 12665

My Ft100,serial #9j100xxx was so bad that transmitting above 29 Mhz
send the cross needle meters on forward and reflected power right of
the scale.It did not even matter if the power was turned down to 0%
I tried to improve the grounding of the LPF board and the aluminum
frame by cleaning and tinning of the areas around the 5 mounting
holes,but even that did not solve the problem.
My suspicion is that these double sided boards have a poor RF ground
on the component side,so I did the SWR mod.with the ground straps on
the LPF board,but I went one step further and did the same thing on
the PA board since there have been reports of V/U finals failing even
when only receiving.Clearly something goes into oscillation and
distroys the power amp.
Prior to doing these mods,tuning up on 29 Mhz,the frequency counter
placed next to the antenna feedline would show abt.half this frequency
I'm glad to report that after these simple mods.the rig is as steady
as a rock.
I chose a 68 Ohm resistor for the fan mod.This keeps the rig nice and
cool and the fans are not too noisy that way.

73,Herman VE5HFD

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> >
> >
> > _____
> > Do You Yahoo!?
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# 12666. tightening the screws

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 10:29:27 UTC
From: michel_homsi
Topic: 12666  Message: 12666

hi Jeff ,

Thanks for the tip about tightening the screws.
Could you please recommend some torquing values ?
I would love to use my 1/4 inch Snap On torque wrench to help fix the FT-100 SWR problem.

73 de OD5TX Michel

Message: 11
Date: Wed, 27 Feb 2002 22:08:26 -0800
From: "The Scholtz's" <scholtz@...>
Subject: The wonderfull FT100D

After watching these posts for a couple weeks, I went and purchased a used ft100D (in mint condition) the radio had only MINUTES of use prior to my gettingahold of it. I am a repair technician at a Motorola shop an after hearing of some of the problems people have had with this radio, (everything but the mic mod, excellent idea!) all sound like ground problems. So, this in mind, I took the cover off of my FT100D and looked inside. I see NO benifit to be gained by grounding the RF shields the the aluminum frame that they are already attached to via several solder points to the circut board, which in turn is screwed to the VERY CASE your grounding to. As with most of us Hams, I often think the worst when something goes wrong, and would probably think up some "complex bandaid" as a solution. But I used the K.I.S.S. method and tried the obvious first. I simply took out my #1 phillips and put a turn on EVERY screw that mounts the boards to the case. I think Yaesu has an 8 year old girl putting these screws in! I got a FULL turn on every one. And the heat sinks on ALL the finals took a couple turns to tighten them up. Allthough I havent experianced any problems with my radio ( I havent put it in my truck yet) It would not suprise me if the finals burnt up, or the 10meter fluttered, or the fans werent dependable..... with those screws loose like that! All in all after looking inside that radio I am impressed. Take the cover off your radios and TIGHTEN those screws! They are, in some cases, the only path to ground for several circuts!

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still working! Try that with an "ICUM"!

Just my 2 cents worth!

Jeff Scholtz
KCØJAO

# 12667. RE: [FT100] Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 11:17:01 UTC
From: Cliff Bryant
Topic: 12632  Message: 12667

Herman

Any chance of pictures of the mods you did to the PA board for the avoidance of doubt? The other mods are already documented of course. My FT100 is being repaired after suffering VHF/UHF failure, the HF PA failed early in its career and was repaired by Yaesu. When I get it back I wan't to make sure that the output is stable and the temperature is properly controlled.

Cliff

-----Original Message-----
From: hfolgering [mailto:hfolgering@...]
Sent: 01 March 2002 04:21
To: Cliff Bryant
Subject: [FT100] Re: The wonderfull FT100D

My Ft100,serial #9j100xxx was so bad that transmitting above 29 Mhz send the cross needle meters on forward and reflected power right of the scale.It did not even matter if the power was turned down to 0%
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> > > shields the the aluminum frame that they are already attached to
> via
> > > several solder points to the circut board, which in turn is
> screwed to
> > > the VERY CASE your grounding to.
> > You are lucky. I hope you are not implying that the rest of us did
> not
> > make sure all the screws were tight before we tried something
else!
> > Nothing got rid of my spurious oscillation,even into a dummy load,
> until I
> > improved the internal grounding. Many others have had the same
> experience.
> >
> > It is very frustrating to see, after all the well-documented
> incidents
> > posted for the last couple of years, that people still refuse to
> believe
> > that these widespread problems exist. This group is largely made
up
> of
> > people with extensive amateur and/or commercial experience (in my
> case,
> > broadcasting for 26 years.)
> >
> > I do not doubt that you, at least temporarily, fixed your rig. I
> also say
> > again, you are lucky to have one that is so easily fixed.
> >
> > I want to thank the group for all the useful information for the
> last two
> > years and say again that the FT-100 is a wonderful rig when
working
> right,
> > and I feel that it has been worth working through its considerable
> > problems. Not that anyone cares, but I feel that this will be my
> last
> > posting on the subject.
> >
> > 73,

> > Paul K4PDM
> >
> >
> >
> > _____
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12668. Re: 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 12:34:58 UTC
From: va3pkh
Topic: 12621  Message: 12668

If the antenna you bought is the dual band with the open spiral section, Model number is like 270 or 207 or similar (cant't remember) it is pre tuned. They are very specific with the instruction sheet. "DO NOT CUT".
73
Peter
VA3PKH

--- In FT100@y..., Wilfrid Maillet <wilfrid@e...> wrote:
> Just bought and installed a Larsen 2/440 antenna after mine was stolen.
> The label on the antenna plastic bag says PRE TUNED no adjustment
> needed. Why does Larsen say this if tuning is required? They should
> keep quiet, and the ham would then assume that tuning WAS required.

# 12669. Re: [FT100] Interesting yaesu problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 13:14:10 UTC
From: Lee Devlin
Topic: 12656  Message: 12669

--- kg4mex <kg4mex@...> wrote:

> Does anyone have the swr mods in a better picture
> than the one posted
> here>? i cant see it well enough to tell where they
> go...

There are several high resolution pictures of both
factory mods (SWR and thermal) shown in the FAQ. The
section on 'Intermittent High SWR' is at:

http://k0lee.com/ft100faq.html#intermittent

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 12670. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 14:39:01 UTC
From: Bob Evans
Topic: 12670  Message: 12670

Richy,

I must respectfully disagree. Your suggestion of modding a radio that is working fine is just opening the window for trouble. Mine works great (always has) and has no need for ANY mods, even after running it for 48 continuously in the ARRL CW DX contest for 4800 contacts. A couple of guys on this list don't even know how to send email correctly and you are suggesting that they have the competency to work with surface mount electronics. I choose to just operate my rig and leave the covers on.

Bob K5WA

>>>>>>Message: 25
Date: Fri, 01 Mar 2002 02:44:08 -0000
From: "ft100guy" <ss409ss@...>
Subject: New or Stubborn owner?

A few word of advice to those who are new or those who refuse to believe the truth.

This rig must have the swr mod and fan mod performed BEFORE you have trouble. Dont make calls to Yaesu as it has been established here that they are less than "forthright" on the topic. The first thing you must do is make sure your rig contains the swr mod, open the top cover and look for it (hint: match your rig to the one shown in the FT100 archives).

Bob Evans
Niche Marketing, Inc.
(713) 937-9013

# 12671. RE: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 14:56:13 UTC
From: Cliff Bryant
Topic: 12670  Message: 12671

Bob

Tricky one this. Suppose I have a car that is subject to a recall (or not as the case may be): well mine's working fine so I won't bother having the mods done, pity my accelerator jams open sometime in the future.... OK this is an extreme example. The question is: Will Yaesu pay for your radio to be repaired if it blows up out of warranty? Then again if you sell it before the warranty expires you just don' t have to worry.

I've be very careful about suggesting that just because someone can't send an email they are therefore unable to work on SMD electronics. Almost all the correspondents to this group are US based but I don't slate their engineering ability just because they can't write proper English :-)

Cliff, G4PZK

-----Original Message-----
From: Bob Evans [mailto:bevans@...]
Sent: 01 March 2002 14:39
To: Cliff Bryant
Subject: [FT100] Re: New or Stubborn owner?

Richy,

I must respectfully disagree. Your suggestion of modding a radio that is
working fine is just opening the window for trouble. Mine works great (always has) and has no need for ANY mods, even after running it for 48 continuously in the ARRL CW DX contest for 4800 contacts. A couple of guys
on this list don't even know how to send email correctly and you are suggesting that they have the competency to work with surface mount electronics. I choose to just operate my rig and leave the covers on.

Bob K5WA

>>>>>>Message: 25
Date: Fri, 01 Mar 2002 02:44:08 -0000
From: "ft100guy" <ss409ss@...>
Subject: New or Stubborn owner?

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[Non-text portions of this message have been removed]

# 12672. Re: [FT100] japanese mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 15:43:53 UTC
From: Pres Waterman
Topic: 12657  Message: 12672

> i have a japanese version ft 100d.it wont transmit on the U.S. 2
> meter frequencys,it stops at 146.000 anyone help??

As covered recently in the archives, Japanese radios will NOT, NOT, NOT ever transmit above 146 or 440. Period.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12673. Re: [FT100] japanese mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 15:44:45 UTC
From: Pres Waterman
Topic: 12657  Message: 12673

> 
> That usually knocks the cpu into place and then the
> radio opens up for full tx/rx!!
> 
> :)

Not good... not everyone will catch the :)

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12674. RE: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 16:18:51 UTC
From: Bob Cheek
Topic: 12670  Message: 12674

To all,

I can tell you with certainty that Yaesu WILL NOT repair a radio that is out of warranty even if it incurs one of the common failures documented here. Further, they will not admit there is a problem! I know this first hand because the VHF finals in my unmodified FT-100 went into oscillation and failed. Two weeks out of warranty. Yaesu quoted $505 to repair the FT-100. I don't think so!

I was going along reading these posts fat, dumb, and happy. I had the rig for a year and had no problems with it! Why worry? Well, now I've got a IC-706 in the truck, the FT-100 is sitting on the bench waiting on parts to arrive. For you do-it-yourselfers out there, the VHF/UHF final is a proprietary part only available from Yaesu at over $200 a copy.

So, if you like your FT-100 and it doesn't have the modifications in it, send it in and get them done before you too get to smell that special smell of solid -state electronics burning!

DE WB4EJE

--- Cliff Bryant <CliffB@...> wrote:
> Bob
>
> Tricky one this. Suppose I have a car that is
> subject to a recall (or
> not as the case may be): well mine's working fine so
> I won't bother
> having the mods done, pity my accelerator jams open
> sometime in the
> future.... OK this is an extreme example. The
> question is: Will Yaesu
> pay for your radio to be repaired if it blows up out
> of warranty? Then
> again if you sell it before the warranty expires you
> just don' t have to
> worry.
>
> I've be very careful about suggesting that just
> because someone can't
> send an email they are therefore unable to work on

> SMD electronics.
> Almost all the correspondents to this group are US
> based but I don't
> slate their engineering ability just because they
> can't write proper
> English :-)
>
> Cliff, G4PZK
>
> -----Original Message-----
> From: Bob Evans [mailto:bevans@...]
> Sent: 01 March 2002 14:39
> To: Cliff Bryant
> Subject: [FT100] Re: New or Stubborn owner?
>
>
> Richy,
>
> I must respectfully disagree. Your suggestion of
> modding a radio that
> is
> working fine is just opening the window for trouble.
> Mine works great
> (always has) and has no need for ANY mods, even
> after running it for 48
> continuously in the ARRL CW DX contest for 4800
> contacts. A couple of
> guys
> on this list don't even know how to send email
> correctly and you are
> suggesting that they have the competency to work
> with surface mount
> electronics. I choose to just operate my rig and
> leave the covers on.
>
> Bob K5WA
>
>
> >>>>>>Message: 25
> Date: Fri, 01 Mar 2002 02:44:08 -0000
> From: "ft100guy" <ss409ss@...>
> Subject: New or Stubborn owner?
>
> A few word of advice to those who are new or those
> who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod
> performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has

> been established
> here that they are less than "forthright" on the
> topic. The first
> thing you must do is make sure your rig contains the
> swr mod, open
> the top cover and look for it (hint: match your rig
> to the one shown
> in the FT100 archives).
>
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> FT100-subscribe@yahoogroups.com
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> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
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> We are all a part of this Lets make it as good as
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>
>
>
> [Non-text portions of this message have been

> removed]
>
>

---
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# 12675. RE: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 16:22:43 UTC
From: Cliff Bryant
Topic: 12670  Message: 12675

QED

-----Original Message-----
From: Bob Cheek [mailto:wb4eje@...]
Sent: 01 March 2002 16:19
To: Cliff Bryant
Subject: RE: [FT100] Re: New or Stubborn owner?

To all,

I can tell you with certainty that Yaesu WILL NOT repair a radio that is out of warranty even if it incurs one of the common failures documented here. Further, they will not admit there is a problem! I know this first hand because the VHF finals in my unmodified FT-100 went into oscillation and failed. Two weeks out of warranty. Yaesu quoted $505 to repair the FT-100. I don't think so!

I was going along reading these posts fat, dumb, and happy. I had the rig for a year and had no problems with it! Why worry? Well, now I've got a IC-706 in the truck, the FT-100 is sitting on the bench waiting on parts to arrive. For you do-it-yourselfers out there, the VHF/UHF final is a proprietary part only available from Yaesu at over $200 a copy.

So, if you like your FT-100 and it doesn't have the modifications in it, send it in and get them done before you too get to smell that special smell of solid -state electronics burning!

DE WB4EJE

--- Cliff Bryant <CliffB@...> wrote:
> Bob
>
> Tricky one this. Suppose I have a car that is
> subject to a recall (or
> not as the case may be): well mine's working fine so
> I won't bother
> having the mods done, pity my accelerator jams open
> sometime in the
> future.... OK this is an extreme example. The
> question is: Will Yaesu
> pay for your radio to be repaired if it blows up out
> of warranty? Then

> again if you sell it before the warranty expires you
> just don' t have to
> worry.
>
> I've be very careful about suggesting that just
> because someone can't
> send an email they are therefore unable to work on
> SMD electronics.
> Almost all the correspondents to this group are US
> based but I don't
> slate their engineering ability just because they
> can't write proper
> English :-)
>
> Cliff, G4PZK
>
> -----Original Message-----
> From: Bob Evans [mailto:bevans@...]
> Sent: 01 March 2002 14:39
> To: Cliff Bryant
> Subject: [FT100] Re: New or Stubborn owner?
>
>
> Richy,
>
> I must respectfully disagree. Your suggestion of
> modding a radio that
> is
> working fine is just opening the window for trouble.
> Mine works great
> (always has) and has no need for ANY mods, even
> after running it for 48
> continuously in the ARRL CW DX contest for 4800
> contacts. A couple of
> guys
> on this list don't even know how to send email
> correctly and you are
> suggesting that they have the competency to work
> with surface mount
> electronics. I choose to just operate my rig and
> leave the covers on.
>
> Bob K5WA
>
>
> >>>>>>Message: 25
> Date: Fri, 01 Mar 2002 02:44:08 -0000
> From: "ft100guy" <ss409ss@...>
> Subject: New or Stubborn owner?
>

> A few word of advice to those who are new or those
> who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod
> performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has
> been established
> here that they are less than "forthright" on the
> topic. The first
> thing you must do is make sure your rig contains the
> swr mod, open
> the top cover and look for it (hint: match your rig
> to the one shown
> in the FT100 archives).
>
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> Post message: FT100@yahoogroups.com
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> FT100-subscribe@yahoogroups.com
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> removed]
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[Non-text portions of this message have been removed]

# 12676. Re: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 16:34:20 UTC
From: Bob Cheek
Topic: 12621  Message: 12676

I've used Larsen Dual Banders for years and I have never ever tuned one. Never needed to. Mount it with a good ground and check the SWR (with a good meter) and I think you will find they are dead flat.

You need a good ground. I recommend a 3/4 NMO hole mount. Mag mounts rely on the capitance to the metal for the ground and are only suitable for temporary rental car type situations. Truck lip mounts can degrade with time because of rust and corrosion and who knows how well the deck lid is grounded?

Be advised that some of the inexpensive SWR meters that are typically sold for 11 meters will give some erratic readings at VHF/UHF frequencies. If you don't have one, find someone who has something like a Bird Wattmeter with the correct slugs and check the SWR.

Larsens are great antennas and work exceptionally well.

DE WB4EJE

--- Wilfrid Maillet <wilfrid@...> wrote:
> Just bought and installed a Larsen 2/440 antenna
> after mine was stolen.
> The label on the antenna plastic bag says PRE TUNED
> no adjustment
> needed. Why does Larsen say this if tuning is
> required? They should
> keep quiet, and the ham would then assume that
> tuning WAS required.
>

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# 12677. Re: [FT100] New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 17:17:51 UTC
From: Pres Waterman
Topic: 12670  Message: 12677

> A few word of advice to those who are new or those who refuse to
> believe the truth.
>

This is a good punch-list. Thanks, Rich

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12678. Re: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 20:01:16 UTC
From: Lee Boulineau
Topic: 12670  Message: 12678

I'm afraid I must agree with Richy - when the high SWR shows up (and it will, because that copper tape WILL fritz up), it will destroy a set of finals in a BIG @#$%! HURRY!!! I did both mods on my radio (yes, by myself!) within 2 weeks of purchase, and also made sure all screws and connections were tight -- it took a couple of hours, but it has given me peace of mind when I run continuously for hours on end!! The truly sad state of this is that Yaesu refuses to admit this rig has the potential for these problems - and yet this is a GREAT RIG!!! The saving grace for owners so afflicted is this list -- we have people like Chas, Richy, Pres, et al. that have dealt with these issues and have provided their input. Thanks guys!!!!

73 de N4MVL - Lee

P.S. - I use a 51 ohm resistor in my fan mod - I use 'cans' in the house and portable, and my rig mounts under my rear seat on my Jeep for mobile -so no fan noise!

--- Bob Evans <bevans@...> wrote:
> Richy,
>
> I must respectfully disagree. Your suggestion of
> modding a radio that is
> working fine is just opening the window for trouble.
> Mine works great
> (always has) and has no need for ANY mods, even
> after running it for 48
> continuously in the ARRL CW DX contest for 4800
> contacts. A couple of guys
> on this list don't even know how to send email
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> suggesting that they have the competency to work
> with surface mount
> electronics. I choose to just operate my rig and
> leave the covers on.
>
> Bob K5WA
>
>
> >>>>>>Message: 25
> Date: Fri, 01 Mar 2002 02:44:08 -0000
> From: "ft100guy" <ss409ss@...>

> Subject: New or Stubborn owner?
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> A few word of advice to those who are new or those
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> Niche Marketing, Inc.
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>
>

---
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# 12679. re: Changing Repeater Shift Defaults

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 21:16:53 UTC
From: Shuler Burton
Topic: 11345  Message: 12679

Somewhere I remember seeing english, french, australian and some other setting. it is in the extended menu. believe there may be a textfile on this site. basically there are hidden functions tat can be accessed to customize the rig for different countries if I recall.

Message: 1
Date: Sun, 30 Dec 2001 11:03:48 -0000
From: "Paul" <paul.warman@...>
Subject: Changing Repeater Shift Defaults

Chaps, I'm sure this is a very silly question but how do I change the 430Mhz repeater default frequency shift from the Stateside 5MHz to the UK 1.6Mhz. Every time I go into the menu system and change it to 1.6 it reverts back when I change channels. I'd appreciate any advice you can give.

Many thanks
Paul
G0ODP

---
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# 12680. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 21:54:27 UTC
From: backhoefade
Topic: 12632  Message: 12680

Hey Rich - does that make us "co-inventors"?

If you really want to see one of my inventions go to the
USPTO website and look up #5530925. Wonder if we can put that
design into the FT-100D for VHF mobile work? No more picket-fencing!
73's Chas

> PS. If you like the Mic mod, contact me for Paypal information, I
> will siphon off a few bucks to Chas for his baffle update to the
> mod :-)
>
> Regards.. Richy N2ZD

# 12681. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 22:03:11 UTC
From: backhoefade
Topic: 12632  Message: 12681

Before I had mine mod'ed for the "SWR" problem I took a look at it with a spectrum analyzer. The spurious oscillations are at about 13.65 MHz and 2x and 3x that frequency. I found that it would stop when I lifted up the top lid a bit. The spurious tones would then drop 30, 40 dB or more; down below the noise floor of the analyzer at any rate. It looked as though there was some RF leaking back into the synthesizer causing it to output these spurious signals. Of course your 24 MHz or 28 MHz antenna is generally not resonant also at 13.65 MHz, hence the SWR icon turns on. Spurious oscillations in amplifers often equals dead amp.

--- In FT100@y..., "hfolgering" <hfolgering@y...> wrote:
> My Ft100,serial #9j100xxx was so bad that transmitting above 29 Mhz
> send the cross needle meters on forward and reflected power right
of
> the scale.It did not even matter if the power was turned down to 0%
> I tried to improve the grounding of the LPF board and the aluminum
> frame by cleaning and tinning of the areas around the 5 mounting
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> My suspicion is that these double sided boards have a poor RF
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> on the component side,so I did the SWR mod.with the ground straps
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> 73,Herman VE5HFD
>
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> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > Of course that's the required mod. Do you think the Yaesu
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> > center would spend time adding an unnecessary bandaid that

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> > really help? They already elected to "save cost" by not having a
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> > marginally unstable rigs may "get well" by just cranking down on
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> > too. But I found that the added straps yielded absolutely rock
> solid
> > results.
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> > --- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
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> > > --- The Scholtz's <scholtz@n...> wrote:
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> > > 73,
> > > Paul K4PDM
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> > > Do You Yahoo!?
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> > > http://greetings.yahoo.com

# 12682. RE: [FT100] The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 23:36:38 UTC
From: Tom Tishken KD4WOV
Topic: 12632  Message: 12682

that is what I did a while back, and it cured a lot of strange problems, even some receiver problems.

-----Original Message-----
From: The Scholtz's [mailto:scholtz@...]
Sent: Thursday, February 28, 2002 1:08 AM
To: FT100@yahoogroups.com
Subject: [FT100] The wonderfull FT100D

After watching these posts for a couple weeks, I went and purchased a used ft100D (in mint condition) the radio had only MINUTES of use prior to my getting ahold of it. I am a repair technician at a Motorola shop an after hearing of some of the problems people have had with this radio, (everything but the mic mod, excellent idea!) all sound like ground problems. So, this in mind, I took the cover off of my FT100D and looked inside. I see NO benifit to be gained by grounding the RF shields the the aluminum frame that they are already attached to via several solder points to the circut board, which in turn is screwed to the VERY CASE your grounding to. As with most of us Hams, I often think the worst when something goes wrong, and would probably think up some "complex bandaid" as a solution. But I used the K.I.S.S. method and tried the obvious first. I simply took out my #1 phillips and put a turn on EVERY screw that mounts the boards to the case. I think Yaesu has an 8 year old girl putting these screws in! I got a FULL turn on every one. And the heat sinks on ALL the finals took a couple turns to tighten them up. Allthough I havent experianced any problems with my radio ( I havent put it in my truck yet) It would not suprise me if the finals burnt up, or the 10meter fluttered, or the fans werent dependable..... with those screws loose like that! All in all after looking inside that radio I am impressed. Take the cover off your radios and TIGHTEN those screws! They are, in some cases, the only path to ground for several circuts!

And to the one who was up in the air over FT100's and IC706's I am with the majority. HANDS DOWN the FT100 is better!

IT HAS TO BE!, I read a post here where someone was getting their DC ground from their antenna feedline! AND it sounds like after he corrected that, his FT100 is still working! Try that with an "ICUM"!

Just my 2 cents worth!

Jeff Scholtz
KC?JAO

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12683. FT100 speaker systems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 00:53:53 UTC
From: ve7baq
Topic: 12683  Message: 12683

While his is not strictly speaking an FT-100D only item, I think it still might qualify.
I have read several reviews on the Clear Speech Speaker System. Even listened to the website sound file. Most people seem to think it is a good item. Has anyone done a review on the MFJ-616 Speech Intelligibility Enhancer? The reason I am asking is that I also have quite a hearing loss at the higher audio frequencies and am wondering which would be the best accessory. I also have a rather high line noise level on 80 meters most of the time (right now while I am typing this it is S 8). If anyone has used the MFJ 616, I would appreciate the input. If anyone has used both the Clear Speech and the MFJ 616, and has a comparison that would be even better.
Thanks
Einar VE7BAQ
e-mail carls@...

# 12684. Re: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 00:53:58 UTC
From: ke6wym@aol.com
Topic: 12670  Message: 12684

In a message dated 3/1/02 6:43:47 AM Pacific Standard Time, bevans@...
writes:

> I must respectfully disagree. Your suggestion of modding a radio that is
> working fine is just opening the window for trouble

Hello Bob and the Group

I took my FT100 to Yeasu to have the AM filter installed out of waranty. I complained that the rig was getting hot while in V/U recieve. I never had an SWR problem and did not say anything about SWR when I took it in. When I got my radio back from Yeasu both fan and SWR modes were done with no charge to me. I was haveing no trouble. Why would Yeasu Mod my radio if it was working fine?

BTW this radio is used primarily for 6M and 2M weak signal and has been performing good. I did have a recieve failure after the mod, this was attributed to the REF unit and replaced for $85. That was just a few months back check message number 11297 as I explained it all there.

David ---> ke6wym

[Non-text portions of this message have been removed]

# 12685. FT100 speaker systems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 00:52:36 UTC
From: ve7baq
Topic: 12683  Message: 12685

While his is not strictly speaking an FT-100D only item, I think it still might qualify.
I have read several reviews on the Clear Speech Speaker System. Even listened to the website sound file. Most people seem to think it is a good item. Has anyone done a review on the MFJ-616 Speech Intelligibility Enhancer? The reason I am asking is that I also have quite a hearing loss at the higher audio frequencies and am wondering which would be the best accessory. I also have a rather high line noise level on 80 meters most of the time (right now while I am typing this it is S 8). If anyone has used the MFJ 616, I would appreciate the input. If anyone has used both the Clear Speech and the MFJ 616, and has a comparison that would be even better.
Thanks
Einar VE7BAQ
e-mail carls@...

# 12686. Re: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 15:28:14 UTC
From: Mike May
Topic: 12670  Message: 12686

I remember when I was green behind the ears on this list I had just opened up my first FT100D and checked out the list. I had the same attitude as some newcomers, I came on the list saying how great my Ft100D was and how it performed flawlessly and how others should not be bashing the Ft100/D. Both of my radios were grounded to the chassis, the trunk lids were bonded together the engine frame to the chassis all the good engineering practices from the HF mobiling handbook, I assumed that others on this list had never read this book before. I never started the engine with the radio turned on. You know all of the walking on eggs things that a lot of us do but I grew out of that attitude 2 radios later and a blown receiver pre-amp, blown VHF/UHF finals, high SWR icons. Even after having all of the mods done to the radios to tame it down and keep it nice and cool the same darn problems came again and again.

I learned the hard way that we all eat crow with the FT100/D sooner or later and I was respectful to the list members and actually ate my humble crow when I retracted my first impressions of the Ft100D after the first week on the list.

P/S I have had a KWD TS690S in my other larger car, yes it really does fit in a vehicle, for 12 years now with no problems running the same style 6 meter/10 meter antenna and V/U dual bander so no I'm not new to HF mobiling just to HF mobiling with the FT100D. I know what some of you are going to suggest but the FT100D was a present from the wife so no I can't replace it with another KWD TS690s, that's out of the question unless I want to sleep in the back yard with the dog.

P/S comparing e-mail to radio electronics is like comparing apples to oranges, e-mail and the internet are black magic anyway while RF is sensible understanding electronics, at least in my book it is.

73
Mike
WB8VLC/7

Bob Evans wrote:

> Richy,
>
> I must respectfully disagree. Your suggestion of modding a radio that
> is
> working fine is just opening the window for trouble. Mine works great
>
> (always has) and has no need for ANY mods, even after running it for
> 48

> continuously in the ARRL CW DX contest for 4800 contacts. A couple of
> guys
> on this list don't even know how to send email correctly and you are
> suggesting that they have the competency to work with surface mount
> electronics. I choose to just operate my rig and leave the covers on.
>
> Bob K5WA
>
>
> >>>>>>Message: 25
> Date: Fri, 01 Mar 2002 02:44:08 -0000
> From: "ft100guy" <ss409ss@...>
> Subject: New or Stubborn owner?
>
> A few word of advice to those who are new or those who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has been established
> here that they are less than "forthright" on the topic. The first
> thing you must do is make sure your rig contains the swr mod, open
> the top cover and look for it (hint: match your rig to the one shown
> in the FT100 archives).
>
>
> Bob Evans
> Niche Marketing, Inc.
> (713) 937-9013
>
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> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12687. FT-100 & RTTY

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 15:17:56 UTC
From: w1ksz
Topic: 12687  Message: 12687

I want to try using MMTTY with my FT-100. Before I re-invent the
wheel, has anyone done this. Do you use VOX to key the rig or PTT ?
I would prefer VOX. I have a freeware program called "Quickmixin"
that allows setting volume levels so hopefully I don't need an
external box of pots.
Thanks for any info,
73, Dick, W1KSZ

# 12688. Re: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 18:09:32 UTC
From: Paul Manuel
Topic: 12670  Message: 12688

--- Bob Evans <bevans@...> wrote:
> Richy,
>> A couple of guys on this list don't even know how to send email correctly and you are suggesting that they have the competency to work with surface mount electronics. I choose to just operate my rig and leave the covers on.

I don't see how what one choses to learn about e-mail has to do with this mod. In fact, I don't see how surface mount circuitry has anything do do with this mod, either.
However, I understand you not opening up a rig that doesn't need the mods...yet. But I would certainly consider doing the fan mod, as you won't realize that you need it until it is too late.
73,
Paul K4PDM

_____
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http://greetings.yahoo.com

# 12689. Re: [FT100] Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-01 18:40:40 UTC
From: france antelme
Topic: 12632  Message: 12689

Herman,

You raise an interesting point. I am in the process of reworking my FT 100 and I've noticed that Yaesu are using what looks like yellow zinc plated self tappers to secure the pcb's

From past experience in an EMI/EMC engineering role, I found that the yellow zinc plating has a fairly high surface resistance and wreaks havoc with earthing until it is either broken down mechanically or via a high voltage discharge

This, coupled with the fact that there are badly defined etch resist clearances around mount points and bad tinning around PCB mounting holes may contribute to the instabilities

Will provide feedback on my further investigations

-France K6QO-

--- hfolgering <hfolgering@...> wrote:
> My Ft100,serial #9j100xxx was so bad that
> transmitting above 29 Mhz
> send the cross needle meters on forward and
> reflected power right of
> the scale.It did not even matter if the power was
> turned down to 0%
> I tried to improve the grounding of the LPF board
> and the aluminum
> frame by cleaning and tinning of the areas around
> the 5 mounting
> holes,but even that did not solve the problem.
> My suspicion is that these double sided boards have
> a poor RF ground
> on the component side,so I did the SWR mod.with the
> ground straps on
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> the PA board since there have been reports of V/U
> finals failing even
> when only receiving.Clearly something goes into
> oscillation and
> distroys the power amp.
> Prior to doing these mods,tuning up on 29 Mhz,the

> frequency counter
> placed next to the antenna feedline would show
> abt.half this frequency
> I'm glad to report that after these simple mods.the
> rig is as steady
> as a rock.
> I chose a 68 Ohm resistor for the fan mod.This keeps
> the rig nice and
> cool and the fans are not too noisy that way.
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> 73,Herman VE5HFD
>
>
> --- In FT100@y..., "backhoefade" <cgarner@h...>
> wrote:
> > Of course that's the required mod. Do you think
> the Yaesu service
> > center would spend time adding an unnecessary
> bandaid that doesn't
> > really help? They already elected to "save cost"
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> > recommended recall. The need for the straps is
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> > screws. I found months ago that adding some
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> helped
> > too. But I found that the added straps yielded
> absolutely rock
> solid
> > results.
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> > --- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
> > >
> > > --- The Scholtz's <scholtz@n...> wrote:
> > > . I see NO benifit to be gained by grounding
> the RF
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> already attached to
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> > > > > several solder points to the circut board,
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> > > You are lucky. I hope you are not implying that
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> > > make sure all the screws were tight before we
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> > > Nothing got rid of my spurious oscillation,even
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> > until I
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> > > I do not doubt that you, at least temporarily,
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> > > 73,
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# 12690. RE:Re: 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 01:18:32 UTC
From: emoxon@alum.mit.edu
Topic: 12621  Message: 12690

ATAS-1 permits the TUN button to retract the ATAS on 2/440. ATAS-2 doesn't.
You can hook a 2nd antenna up regardless.
Ed, K1GGI

> -----Original Message-----
> Date: Thu, 28 Feb 2002 14:00:06 -0500
>
> Hate to put in the obvious, but did you change the settings to indicate
> that you were using two separate antennas?
>

# 12691. Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 03:32:35 UTC
From: hfolgering
Topic: 12632  Message: 12691

Cliff,

I don't have a picture,but the mod.is very similair to the one performed on the LPF board,only this one I did on the bottom (PA) board.
I simply drilled with my Dremel Tool a small hole in the centre rib of the chassis,soldered the strap to the outside (ground side) of coax connector J3001 and used a small self tapping screw to connect it to the centre rib.
Just make sure you blow the metal shavings out.

73,Herman VE5HFD.

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
> Herman
>
> Any chance of pictures of the mods you did to the PA board for the
> avoidance of doubt? The other mods are already documented of course.
> My FT100 is being repaired after suffering VHF/UHF failure, the HF
PA
> failed early in its career and was repaired by Yaesu. When I get it
back
> I wan't to make sure that the output is stable and the temperature
is
> properly controlled.
>
> Cliff
>
> -----Original Message-----
> From: hfolgering [mailto:hfolgering@y...]
> Sent: 01 March 2002 04:21
> To: Cliff Bryant
> Subject: [FT100] Re: The wonderfull FT100D
>
>
> My Ft100,serial #9j100xxx was so bad that transmitting above 29 Mhz
> send the cross needle meters on forward and reflected power right of
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> > > Paul K4PDM
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> > > Do You Yahoo!?
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> pmail/S=1705063108:HM/A=763352/rand=238148696>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/> .
>
>
>
>
> [Non-text portions of this message have been removed]

# 12693. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 13:58:29 UTC
From: n9cv
Topic: 12662  Message: 12693

Well Said. This post should be saved and sent to all new FT-100 owners or new members of this board. This post covers about 90% of all questions / answers posted here. GOOD JOB.

It is amazing how many of the "mine is fine" people come back later and post "mine was fine". I know of two local hams that won't post "mine was fine" because they are too embarrassed to admit they had a problem, or that they bought a less than perfect radio.

It only took about a month for my FT-100D to go from "mine is fine" to "mine was fine". After a three month vacation in Cerritos for mods and fixing the heat damaged parts "mine is fine" again.

This is preventive maintenance like changing the oil in your car, except you only have to do it ONCE.

DO THE MODS. They are simple and in inexpensive for the "mine is fine group. They become very expensive in money and time for the "mine was fine" group.

What is the saying? "You can lead a horse to water but you can not make him drink." You have been warned thanks to the knowledge and experience of many hams on this forum.

Ken - N9CV

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> A few word of advice to those who are new or those who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has been established
> here that they are less than "forthright" on the topic. The first
> thing you must do is make sure your rig contains the swr mod, open
> the top cover and look for it (hint: match your rig to the one
shown
> in the FT100 archives).
>
> Richy N2ZD

# 12694. RE: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 15:05:56 UTC
From: Eric van de Weyer
Topic: 12662  Message: 12694

Well there is the old saying that an ounce of prevention is worth a pound of cure.

I only got my 100D about 3 months ago and have had no problem with it HOWEVER, having read many of the posts here I opened mine up to see what, if any, mods had been done.

It had the copper tape but that was all. I then proceeded to install both the grounding mod and the fan mod (I decided on a 100 ohm resistor) myself. I can now rest in peace knowing that the mods have been done so I am less lkely to have problems in the future.

I don't believe that it will void the warranty but then, even if it does, I have always done ALL my own repairs. It is usually far quicker than taking it to a dealer to get done. I also then know exactly what has been done to the radio and how it was done. A much better solution, in my oppinion.

To me, this is what Amateur Radio is all about.

73....Eric VK2KUR.
-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Sunday, 3 March 2002 12:58 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: New or Stubborn owner?

Well Said. This post should be saved and sent to all new FT-100 owners or new members of this board. This post covers about 90% of all questions / answers posted here. GOOD JOB.

It is amazing how many of the "mine is fine" people come back later and post "mine was fine". I know of two local hams that won't post "mine was fine" because they are too embarrassed to admit they had a problem, or that they bought a less than perfect radio.

It only took about a month for my FT-100D to go from "mine is fine" to "mine was fine". After a three month vacation in Cerritos for mods and fixing the heat damaged parts "mine is fine" again.

This is preventive maintenance like changing the oil in your car, except you only have to do it ONCE.

DO THE MODS. They are simple and in inexpensive for the "mine is fine group. They become very expensive in money and time for the "mine was fine" group.

What is the saying? "You can lead a horse to water but you can not make him drink." You have been warned thanks to the knowledge and

experience of many hams on this forum.

Ken - N9CV

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> A few word of advice to those who are new or those who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has been established
> here that they are less than "forthright" on the topic. The first
> thing you must do is make sure your rig contains the swr mod, open
> the top cover and look for it (hint: match your rig to the one
shown
> in the FT100 archives).
>
> Richy N2ZD

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[Non-text portions of this message have been removed]

# 12695. Mike Mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 20:49:49 UTC
From: kenlind81
Topic: 12695  Message: 12695

Where can I find the mike mod? and what does it do?

# 12696. Frustrated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 23:48:39 UTC
From: Scott Willis
Topic: 12696  Message: 12696

Hi... I purchased one of the original FT100's, and it swallowed it's gum and choked on it 3 times!! Yaesu had the radio for much longer than I did. It SUCKED!! I sold the radio because of it's obvious unreliable state, and have hated them ever since. I'm now thinking about getting another one since they've had a chance to get the radio RIGHT now they've been making them for a while, especially with the D model coming out now. But as I read posts here, I realize that Yaesu hasn't changed, and they've still got mega problems with this rig. I've still got my mount on my truck for the ATAS-100, and like having one antenna that does it all, but I'm very sceptical about making another FT100 purchase, because of being burned so bad by this rig in the past. I'm considering the TS-2000 instead, but with 5 antenna jacks on the back of the rig, it's not as simple as the FT-100 to go mobile. This leaves me frustrated and confused. A friend told me that the Icom 706mk2g is the answer, but.... =( You'd think that a company like Yaesu would just make a quality product. Can anyone shed some light on my frustration?
Scott

---
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[Non-text portions of this message have been removed]

# 12697. Re: [FT100] Re: The wonderfull FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 00:06:03 UTC
From: Lee Boulineau
Topic: 12632  Message: 12697

Use a dab of vaseline on the rib where you drill, then
CAREFULLY wipe it clean with a SMALL amount of cleaner
when you are done - DO NOT GET THE CLEANER ON ANYHING
BUT THE RIB WHERE YOU DRILLED!!!

73 de N4MVL

Lee

--- hfolgering <hfolgering@...> wrote:
> Cliff,
>
> I don't have a picture,but the mod.is very similair
> to the one
> performed on the LPF board,only this one I did on
> the bottom (PA)
> board.
> I simply drilled with my Dremel Tool a small hole in
> the centre rib of
> the chassis,soldered the strap to the outside
> (ground side) of coax
> connector J3001 and used a small self tapping screw
> to connect it to
> the centre rib.
> Just make sure you blow the metal shavings out.
>
> 73,Herman VE5HFD.
>
>
> --- In FT100@y..., "Cliff Bryant" <CliffB@n...>
> wrote:
> > Herman
> >
> > Any chance of pictures of the mods you did to the
> PA board for the
> > avoidance of doubt? The other mods are already
> documented of course.
> > My FT100 is being repaired after suffering VHF/UHF
> failure, the HF
> PA
> > failed early in its career and was repaired by
> Yaesu. When I get it
> back
> > I wan't to make sure that the output is stable and
> the temperature
> is

> > properly controlled.
> >
> > Cliff
> >
> > -----Original Message-----
> > From: hfolgering [mailto:hfolgering@y...]
> > Sent: 01 March 2002 04:21
> > To: Cliff Bryant
> > Subject: [FT100] Re: The wonderfull FT100D
> >
> >
> > My Ft100,serial #9j100xxx was so bad that
> transmitting above 29 Mhz
> > send the cross needle meters on forward and
> reflected power right of
> > the scale.It did not even matter if the power was
> turned down to 0%
> > I tried to improve the grounding of the LPF board
> and the aluminum
> > frame by cleaning and tinning of the areas around
> the 5 mounting
> > holes,but even that did not solve the problem.
> > My suspicion is that these double sided boards
> have a poor RF ground
> > on the component side,so I did the SWR mod.with
> the ground straps on
> > the LPF board,but I went one step further and did
> the same thing on
> > the PA board since there have been reports of V/U
> finals failing
> even
> > when only receiving.Clearly something goes into
> oscillation and
> > distroys the power amp.
> > Prior to doing these mods,tuning up on 29 Mhz,the
> frequency counter
> > placed next to the antenna feedline would show
> abt.half this
> frequency
> > I'm glad to report that after these simple
> mods.the rig is as steady
> > as a rock.
> > I chose a 68 Ohm resistor for the fan mod.This
> keeps the rig nice
> and
> > cool and the fans are not too noisy that way.
> >
> > 73,Herman VE5HFD
> >
> >

> > --- In FT100@y..., "backhoefade" <cgarner@h...>
> wrote:
> > > Of course that's the required mod. Do you think
> the Yaesu service
> > > center would spend time adding an unnecessary
> bandaid that doesn't
> > > really help? They already elected to "save
> cost" by not having a
> > > recommended recall. The need for the straps is
> confirmed. It's
> > just
> > > a shame that the rig ever needed it. True
> thought, some of the
> > > marginally unstable rigs may "get well" by just
> cranking down on
> the
> > > screws. I found months ago that adding some
> Eco-sorb material
> > helped
> > > too. But I found that the added straps yielded
> absolutely rock
> > solid
> > > results.
> > >
> > > --- In FT100@y..., Paul Manuel <k4pdm@y...>
> wrote:
> > > >
> > > > --- The Scholtz's <scholtz@n...> wrote:
> > > > . I see NO benifit to be gained by grounding
> the RF
> > > > > shields the the aluminum frame that they are
> already attached
> to
> > > via
> > > > > several solder points to the circut board,
> which in turn is
> > > screwed to
> > > > > the VERY CASE your grounding to.
> > > > You are lucky. I hope you are not implying
> that the rest of us
> did
> > > not
> > > > make sure all the screws were tight before we
> tried something
> > else!
> > > > Nothing got rid of my spurious
> oscillation,even into a dummy
> load,
> > > until I
> > > > improved the internal grounding. Many others

> have had the same
> > > experience.
> > > >
> > > > It is very frustrating to see, after all the
> well-documented
> > > incidents
> > > > posted for the last couple of years, that
> people still refuse to
> > > believe
> > > > that these widespread problems exist. This
> group is largely made
> > up
> > > of
> > > > people with extensive amateur and/or
> commercial experience (in
> my
> > > case,
> > > > broadcasting for 26 years.)
> > > >
> > > > I do not doubt that you, at least temporarily,
> fixed your rig. I
> > > also say
> > > > again, you are lucky to have one that is so
> easily fixed.
> > > >
> > > > I want to thank the group for all the useful
> information for the
> > > last two
> > > > years and say again that the FT-100 is a
> wonderful rig when
> > working
> > > right,
> > > > and I feel that it has been worth working
> through its
> considerable
> > > > problems. Not that anyone cares, but I feel
> that this will be my
> > > last
> > > > posting on the subject.
> > > >
> > > > 73,
> > > > Paul K4PDM
> > > >
> > > >
> > > >
> > > >
> > > >
> _____
> > > > Do You Yahoo!?
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<http://rd.yahoo.com/M=213858.1879370.3379539.1261774/D=egroupweb/S=17
> 05
> >
>
063108:HM/A=763352/R=0/*http://www.classmates.com/index.tf?s=5085>
>
>
=== message truncated ===

_____
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http://sports.yahoo.com

# 12698. mike mod info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 02:07:39 UTC
From: recurve95
Topic: 12698  Message: 12698

For those in the group looking for the microphone mod...

Why is there a microphone mod????
Some 100 and 100D's suffer from muffled tx audio, and in an effort to compensate for bad tx audio, many hams are forced to compensate by using the menus to adjust the tx audio characteristics.

Do I have muffled audio???
Only one good way to find out and thats to get on the air with a buddy and have him critically listen to your tx audio. It helps if you can use another rig and compare the 100(D) to the other rig.

OK..I have muffled audio, now what???
Open up the handmike, being careful not to break the wires at the bottom of mike. Remove the 3 large screws and one small screw (on the PTT switch) that secures the circuit board inside the mike. Carefully lift the board straight up over the black screw post. The mic element is pressed into its holder and held in place with a spongy rubber material. It can be removed by very carefully prying it up with a pocket knife...resist the urge to pull on the two wires that are soldered to the element itself....you will break them if you do. Once the element is out, the front of the microphone housing will be free. Look inside the cavity where the element was and you will notice a small plastic circle with the top part cut off of it. Remove this small plastic piece by tapping the microphone case against the desk. It might be stubborn and require the use of a needle to remove it...just gently pry it out. Once the plastic baffle is removed you will be able to see the two small holes that allow sound to pass through the microphone case to the element. You will notice that one of the holes is blanked off. Use a needle and gently open up the hole so you end up with three open holes. Reassemble the mike. If you have changed any of your menu settings to compensate for muffled audio, dont forget to put them back to the factory default settings. THATS IT. Its one of the simplest mods to make to the 100 / 100d and its likely the one that will make the most difference to the people that listen to your signal.

I spent the day up on 17 meters and talked to quite a few 100d users, and got nothing but excellent audio complements, and complements from other rig users that swore that I wasnt on a Yaesu. Modified mike and factory default settings for tx audio and thats it.

Good Luck and Have FUN!!!
Dave
N5XL

# 12699. Should I get a FT100d ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 02:24:52 UTC
From: kd6ccp
Topic: 12699  Message: 12699

I need a good mobil radio. I have looked long and hard at the FT100d, the icom 706 and the Kenwood 50s. The new Kenwood ts2000 also looks good. So now am stuck. The FT100d with the matching auto antenna seems like a great way to go. Any pointers, suggestions or help would be great. Thanks,,,

# 12700. Re: Mike Mod?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-02 21:09:03 UTC
From: ft100guy
Topic: 12695  Message: 12700

--- In FT100@y..., "kenlind81" <kenlind@i...> wrote:
> Where can I find the mike mod? and what does it do?

Easy, remove the screws on the mic, open it, remove the pc board screws and the one holding down the ptt switch, carefully remove the mic element from its holder. Note the third hole is unopened, open it with a sewing needle and remove the baffle (plastic disc). Reassemble and be heard.. Regards.. Richy N2ZD

What does it do? Makes the radio sound as it should, like a radio and not a tin can with a string.. :-)

# 12701. RE: [FT100] Should I get a FT100d ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 03:47:29 UTC
From: Cliff Bryant
Topic: 12699  Message: 12701

The Kenwood TS-2000 is in a different league but is not really a mobile radio.

-----Original Message-----
From: kd6ccp [mailto:kd6ccp@...]
Sent: 03 March 2002 02:25
To: FT100@yahoogroups.com
Subject: [FT100] Should I get a FT100d ?

I need a good mobil radio. I have looked long and hard at the FT100d, the icom 706 and the Kenwood 50s. The new Kenwood ts2000 also looks good. So now am stuck. The FT100d with the matching auto antenna seems like a great way to go. Any pointers, suggestions or help would be great. Thanks,,,

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12702. Re: [FT100] Frustrated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 04:05:45 UTC
From: Lee Devlin
Topic: 12696  Message: 12702

Hi Scott,

It sounds like you need a hug.

Seriously, FT100s are great radios, as long as you take notice as to whether they exhibit a few easily corrected problems.

The first and most talked about is the high SWR issue. This is a result of the internal grounding not working correctly. There have been many reports on how to fix this, but the most effective fix is shown in the FAQ. The FAQ address is given in my .sig. Just look under 'SWR problems'.

Secondly, there's been a lot of discussion about a fan modification. This mod keeps the fans on all the time, even in V/U receive mode when they would otherwise be off. The only person who has done any measurements on the rig has found that with the fans off, the internal temperature rise is about 30F, which is generally well below the maximum operating specification of rig unless the ambient is approaching 130F. This brings us to the next issue which some think is a result of not having the fans on during V/U receive. [I know that electronic equipment works better at cooler temperatures so I'd recommend the fan mod just for peace of mind.]

Blown V/U final. We've seen about 6 reports on this list of a blown V/U final transistor. This wouldn't normally be a big issue, except that the output transistor costs $200 and in no reported instance did it occur during a transmission. Therefore, the output transistor blew out while the radio was *receiving*. This is almost unheard of since the temperature of the output transistor is likely to be quite cool during receive and so there's no reason for it to short, which is the failure mode reported. Incidentally, when this transistor shorts, it draws about 20 amps so the radio gets really hot since the fans are off. Initially, the first blown V/U final failures were blamed on solder flux inadvertently left on the board, but this should not be an issue any more.

Most recently there has been a modification reported
related to the microphone that calls for the drilling
out of a 'false hole' in the plastic housing as well
as the removal of an internal baffle. No one has yet
captured a 'before and after' audio test, but several
owners have reported getting less muffled audio
reported with this mod. I've had my radio for two
years with a stock microphone and have never received
a report of a muffled audio. I think this mod needs
some more data in the form of 'before and after'
recordings of the mic before it can be recommended as
a 'must'.

--- Scott Willis <himark151@...> wrote:
>
> Hi... I purchased one of the original FT100's, and
> it swallowed it's gum and choked on it 3 times!!
> Yaesu had the radio for much longer than I did. It
> SUCKED!! I sold the radio because of it's obvious
> unreliable state, and have hated them ever since.
> I'm now thinking about getting another one since
> they've had a chance to get the radio RIGHT now
> they've been making them for a while, especially
> with the D model coming out now. But as I read
> posts here, I realize that Yaesu hasn't changed, and
> they've still got mega problems with this rig. I've
> still got my mount on my truck for the ATAS-100, and
> like having one antenna that does it all, but I'm
> very sceptical about making another FT100 purchase,
> because of being burned so bad by this rig in the
> past. I'm considering the TS-2000 instead, but with
> 5 antenna jacks on the back of the rig, it's not as
> simple as the FT-100 to go mobile. This leaves me
> frustrated and confused. A friend told me that the
> Icom 706mk2g is the answer, but.... =( You'd
> think that a company like Yaesu would just make a
> quality product. Can anyone shed some light on my
> frustration?
> Scott
>
>
>
>
>
> ---------------------------------
> Do You Yahoo!?
> Yahoo! Sports - Sign up for Fantasy Baseball
>
> [Non-text portions of this message have been
> removed]
>

>

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
Do You Yahoo!?
Yahoo! Sports - sign up for Fantasy Baseball
http://sports.yahoo.com

# 12703. Re: [FT100] 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 04:34:03 UTC
From: Steven Naticchioni
Topic: 12621  Message: 12703

LArsen has several dual band ant. and they are all pretuned. They have to be!! The mono band ant. need tuning. My MFJ ant analyzer shows that my Dual-bander works all the 2mtr band and my UHF SWR bridge that it works all of 440 just the way it came from the factory.

>From: Wilfrid Maillet <wilfrid@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: Re: [FT100] 2 Meter Mess
>Date: Thu, 28 Feb 2002 22:02:51 -0600
>
>Just bought and installed a Larsen 2/440 antenna after mine was stolen.
>The label on the antenna plastic bag says PRE TUNED no adjustment
>needed. Why does Larsen say this if tuning is required? They should
>keep quiet, and the ham would then assume that tuning WAS required.
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---------------------------------------------------------------------
Chat with friends online, try MSN Messenger: http://messenger.msn.com

# 12704. Re: 2 Meter Mess

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 05:23:50 UTC
From: n9cv
Topic: 12621  Message: 12704

I tried to "improve" the tuning on one of these dual band antennae once. When I got done trimming it, it was trash. The trash is where it ended up. Do not tune it. It is the best it will be out of the box.

Ken - N9CV_

>Just bought and installed a Larsen 2/440 antenna after mine was stolen.
>The label on the antenna plastic bag says PRE TUNED no adjustment
>needed. Why does Larsen say this if tuning is required? They should
>keep quiet, and the ham would then assume that tuning WAS required.

# 12705. Re: Should I get a FT100d ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 06:31:14 UTC
From: n9cv
Topic: 12699  Message: 12705

You are at the same place I was at a year ago. No matter who you talk to, the radio they own is the best. I decided on the FT-100D for four reasons:

1. The noise blanker was reported to be supurb to the Icom and Kenwood.
2. No antenna tuner and no switching of antennas was needed when using the FT-100/ATAS-100 combination. I could tune it between bands on the fly while driving.
3. The ATAS 100 was small and compact (compared to other screwdriver antennae) so I could get into my residential garage without removing it.
4. A Vice President of Yaesu told me that all new radios being sold had been modified to fix the previously reported SWR and cooling problems.

After buying a new FT-100D I found that items 1, 2, and 3 were definately true. I also found that Yaesu lied to me about item 4.

Item 4 is easily fixed by the ham in the field or by mailing the FT-100 to Yaesu in Ceritos, California.

While attending a US/Canadian hamfest in the International Peace Garden (Manitoba/North Dakota), I did several side by side comparisons with another ham that had an ICOM 706. My FT-100 severely beat the ICOM in both receive and TX. This comparison was only on 17 meters because that was the only antenna he had at the time. He had a dipole strung between the trees, and I had the ATAS 100 mounted on my Blazer. I heard and worked stations that he could not hear. If you can not hear them, you can't work them.

My advice is get the FT-100. Do or have the mods done immediately and you will love this unit.

I am not a Yeasu Bigot. I have mostly Icom UHF/VHF equipment and Kenwood HF gear.

You will like this rig if you want a mobile HF / VHF rig in one small unit. I have mine remote mounted with only the control head up front.

Ken - N9CV

--- In FT100@y..., "kd6ccp" <kd6ccp@y...> wrote:
> I need a good mobil radio. I have looked long and hard at the
> FT100d, the icom 706 and the Kenwood 50s. The new Kenwood ts2000
> also looks good. So now am stuck. The FT100d with the matching
auto

> antenna seems like a great way to go. Any pointers, suggestions or
> help would be great. Thanks,,,

# 12706. Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 10:45:58 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12706

Hello fellow modders...

I decided to do the mike-mod and when I openend the mike I
noticed on the pc-board a small box with the letters sp in it and a =
and - sign just above (or below depending how you look at the pc-
board) on it.
I wonder if this is for connecting a speaker to it?
Looking to the mike housing there should be room for one.
Any ideas?

Best 73's
Jan PA9JJ
pa9jj@...

---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12707. Re: [FT100] Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 10:48:06 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12707

correction. Please read + instead of = sign.

Op 3 Mar 2002 om 11:45, pa9jj@... schreef:

> Hello fellow modders...
>
> I decided to do the mike-mod and when I openend the mike I
> noticed on the pc-board a small box with the letters sp in it and a =
> and - sign just above (or below depending how you look at the pc-
> board) on it.
> I wonder if this is for connecting a speaker to it?
> Looking to the mike housing there should be room for one.
> Any ideas?
>
> Best 73's
> Jan PA9JJ
> pa9jj@...
> ----------
> ---
>
> If you ever need a QSL-manager please think of me!
> Take a look at my homepage on http://www.qsl.net/pa9jj
> and sign the guestbook please.
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Met vriendelijke groeten,

jan-en-jan@...

# 12708. Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 11:15:37 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12708

> Hello fellow modders...
>
> I decided to do the mike-mod and when I openend the mike I
dicovered something else
.
My mike has 19 holes in it!!!

So maube the european version of the FT100 mike is a little
different than the USA version.

So what I did was loosen the tiny mike from the pc-board and put it
in the hole in the housing. Mine was just above this housing hole as
it was glued to the pc-board. I get good reports on VHF now. But I
also have put the dsp mic eq (menu 16) on 2.
Best 73's
Jan PA9JJ
pa9jj@...

---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12709. Re: [FT100] Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 13:30:48 UTC
From: alpha
Topic: 11774  Message: 12709

I GET GOOD AUDIO REPORTS WITH NO MIC MODS ... GO FIGURE ....
73, PETE N6BXZ, FT WORTH
pa9jj@... wrote: > Hello fellow modders...
>
> I decided to do the mike-mod and when I openend the mike I
dicovered something else
.
My mike has 19 holes in it!!!

So maube the european version of the FT100 mike is a little
different than the USA version.

So what I did was loosen the tiny mike from the pc-board and put it
in the hole in the housing. Mine was just above this housing hole as
it was glued to the pc-board. I get good reports on VHF now. But I
also have put the dsp mic eq (menu 16) on 2.
Best 73's
Jan PA9JJ
pa9jj@...
---
---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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---
Do You Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball

[Non-text portions of this message have been removed]

# 12710. japanese mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 18:07:23 UTC
From: darby542000
Topic: 12710  Message: 12710

i have to disagree a ft1ood japanese version can be used for U.S. bands. you have to install the american chip. you can buy them for $30.00 from yaesu.

# 12711. Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 20:14:45 UTC
From: lx_luthor
Topic: 12711  Message: 12711

Several times over the course of my FT-100 ownership,
I've received li'l notices about a chirpy signal. Have
asked around on the air, and no problems. Ideas? Experiences??

Befuddled,
Eric K0KJ/5
San Antonio

# 12712. Re: Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 19:25:24 UTC
From: hfolgering
Topic: 11774  Message: 12712

Hallo Jan,

You must have the mike without the DTMF pad,we seem to get the one
with key pad and the mike element is mounted in the shell and
connected to the circuit board with short wires.

met vriendelyke groeten,

Herman,VE5HFD
--- In FT100@y..., pa9jj@a... wrote:
> > Hello fellow modders...
> >
> > I decided to do the mike-mod and when I openend the mike I
> dicovered something else
> .
> My mike has 19 holes in it!!!
>
> So maube the european version of the FT100 mike is a little
> different than the USA version.
>
> So what I did was loosen the tiny mike from the pc-board and put it
> in the hole in the housing. Mine was just above this housing hole as
> it was glued to the pc-board. I get good reports on VHF now. But I
> also have put the dsp mic eq (menu 16) on 2.
> Best 73's
> Jan PA9JJ
> pa9jj@a...
> ----------
> ---
>
> If you ever need a QSL-manager please think of me!
> Take a look at my homepage on http://www.qsl.net/pa9jj
> and sign the guestbook please.

# 12713. Re: [FT100] Re: Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 20:46:31 UTC
From: pa9jj@amsat.org
Topic: 11774  Message: 12713

Hello Herman

Yes I have the mike without the DTMF.

Op 3 Mar 2002 om 19:25, hfolgering schreef:

> Hallo Jan,
>
> You must have the mike without the DTMF pad,we seem to get the one
> with key pad and the mike element is mounted in the shell and
> connected to the circuit board with short wires.
>
> met vriendelyke groeten,
>
> Herman,VE5HFD
> --- In FT100@y..., pa9jj@a... wrote:
> > > Hello fellow modders...
> > >
> > > I decided to do the mike-mod and when I openend the mike I
> > dicovered something else
> > .
> > My mike has 19 holes in it!!!
> >
> > So maube the european version of the FT100 mike is a little
> > different than the USA version.
> >
> > So what I did was loosen the tiny mike from the pc-board and put it
> > in the hole in the housing. Mine was just above this housing hole as
> > it was glued to the pc-board. I get good reports on VHF now. But I
> > also have put the dsp mic eq (menu 16) on 2.
> > Best 73's
> > Jan PA9JJ
> > pa9jj@a...
> > _____
> > ___
> >
> > If you ever need a QSL-manager please think of me!
> > Take a look at my homepage on http://www.qsl.net/pa9jj
> > and sign the guestbook please.
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com

> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Met vriendelijke groeten,

jan-en-jan@...

# 12714. Re: [FT100] Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 22:33:40 UTC
From: ken cubilo
Topic: 12711  Message: 12714

first place to start is check out your power supply and station grounding. Helping others with this problem on various other rigs almost always leads to a ground loop problem or power supply voltage fluctuation.
ken w8ob
----- Original Message -----
From: lx_luthor
To: FT100@yahoogroups.com
Sent: Sunday, March 03, 2002 15:14 PM
Subject: [FT100] Anybody had any problems with CHIRP?

Several times over the course of my FT-100 ownership,
I've received li'l notices about a chirpy signal. Have
asked around on the air, and no problems. Ideas? Experiences??

Befuddled,
Eric K0KJ/5
San Antonio

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12715. Subject: Re: Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 22:47:44 UTC
From: Bob Evans
Topic: 12715  Message: 12715

Hi David,

You did it the "right" way, in my opinion. You recognized that, either through your own time constraints or recognition of additional technical skill required to install the filter, your interests were better served if Yaesu performed the work. If Yaesu installed the filter (or mods) incorrectly, they would become liable. My point was that I see guys blaming the rig as being "defective", when their own lack of technical skill can damage the rig more than any potential long term design flaw. If I ever decide to open up my rig and do the mods, I will take responsibility for anything I break while performing the surgery or during installation. I won't blame the rig.

As far as your point about Yaesu installing the mods without being asked, I think this makes perfect sense, since the rig is already opened and in the hands of a (supposedly) competent technician, any mod that has even a small possibility of increasing the life of the rig, is a good idea. I'm sure they also cleaned the fans blades and removed accumulated dirt that could build up and cause a heat failure, even while receiving. All good operating practice!

>>Subject: Re: Re: New or Stubborn owner?

>>In a message dated 3/1/02 6:43:47 AM Pacific Standard Time,
bevans@...
>>writes:

>> I must respectfully disagree. Your suggestion of modding a radio that is
>> working fine is just opening the window for trouble

>>Hello Bob and the Group

>>I took my FT100 to Yeasu

And Cliff,

I understand your point, but still believe that there is a correlation between the two concepts. The care and attention to detail spent to craft a successful outcome are skills required by both endeavors. US correspondents are handicapped, of course, (by at least 50% imho) because we are not able to document our thoughts in acceptable Queen's English, however, we still impress bias upon our own, when even these limited writing standards are not met. I, for one, appreciate your ability to transcend this limitation and maintain a hearty discourse in spite of the challenge. ;-)

Bob K5WA

>> Almost all the correspondents to this group are US
>> based but I don't
>> slate their engineering ability just because they
>> can't write proper
>> English :-)
>>

# 12716. Re: [FT100] japanese mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 02:45:21 UTC
From: Pres Waterman
Topic: 12710  Message: 12716

> i have to disagree a ft1ood japanese version can be used for U.S.
> bands. you have to install the american chip. you can buy them for
> $30.00 from yaesu.

Well, if that is the case, isn't that $30 part a million-pin SMT device
which requires a very $ophi$ticated tool to replace?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12717. Re: Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 21:39:32 UTC
From: ft100guy
Topic: 11774  Message: 12717

--- In FT100@y..., alpha <alpha76234@y...> wrote:
>
> I GET GOOD AUDIO REPORTS WITH NO MIC MODS ... GO FIGURE ....
> 73, PETE N6BXZ, FT WORTH
>

You probably have the right voice for that mic.. I often hear guys
using combinations of mics I couldnt use. Regards.. Richy N2ZD

# 12718. Re: Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 22:34:38 UTC
From: hfolgering
Topic: 12711  Message: 12718

Eric,

Has the SWR mod been done on your radio?
I had the same problem until I modified mine

73 Herman,VE5HFD

--- In FT100@y..., "lx_luthor" <k0kj@h...> wrote:
> Several times over the course of my FT-100 ownership,
> I've received li'l notices about a chirpy signal. Have
> asked around on the air, and no problems. Ideas? Experiences??
>
> Befuddled,
> Eric K0KJ/5
> San Antonio

# 12719. the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-03 22:18:35 UTC
From: kq6odntq@aol.com
Topic: 12719  Message: 12719

Hello All,

Is there a remote for the atas 100?

73' All kq6od

# 12720. Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 08:07:41 UTC
From: n9cv
Topic: 12719  Message: 12720

I am confused by your question? Usually the ATAS-100 is controlled by pressing the TUN button on the FT-100 control head. The FT-100 control head can be mounted directly on the front of the radio or remote mounted using a separation cable/kit. Are you asking for a separate control head just for the ATAS-100?

Ken - N9CV
-- In FT100@y..., kq6odntq@a... wrote:
> Hello All,
>
> Is there a remote for the atas 100?
>
> 73' All kq6od

# 12721. Oddities

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 08:56:10 UTC
From: chajun_uk
Topic: 12721  Message: 12721

Hello all.

I have recently bought a new FT100D and have noticed that on certain frequencies on VHF and UHF to get maximum signal strength on FM I have to to tune the VFO slightly LF. according to my supplier "who have already swapped one unit" this is probably to do with the design.

Any comments anyone

Regards

Chas

G4WIE

# 12722. Oddities/2

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 09:01:04 UTC
From: chajun_uk
Topic: 12722  Message: 12722

Should have stated signal strength as displayed on signal strength meter.

Chas
G4WIE

# 12723. Oddities/2

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 09:02:30 UTC
From: chajun_uk
Topic: 12722  Message: 12723

Should have stated signal strength as displayed on signal strength meter.

Chas
G4WIE

# 12724. Re: Should I get a FT100d ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 15:24:27 UTC
From: kd6ccp
Topic: 12699  Message: 12724

Thank you for your time and comments. I'm sold. Going to order it
today!

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> You are at the same place I was at a year ago. No matter who you
> talk to, the radio they own is the best. I decided on the FT-100D
> for four reasons:
>
> 1. The noise blanker was reported to be supurb to the Icom and
> Kenwood.
> 2. No antenna tuner and no switching of antennas was needed when
> using the FT-100/ATAS-100 combination. I could tune it between
bands
> on the fly while driving.
> 3. The ATAS 100 was small and compact (compared to other
screwdriver
> antennae) so I could get into my residential garage without
removing
> it.
> 4. A Vice President of Yaesu told me that all new radios being sold
> had been modified to fix the previously reported SWR and cooling
> problems.
>
> After buying a new FT-100D I found that items 1, 2, and 3 were
> definately true. I also found that Yaesu lied to me about item 4.
>
> Item 4 is easily fixed by the ham in the field or by mailing the FT-
> 100 to Yaesu in Ceritos, California.
>
> While attending a US/Canadian hamfest in the International Peace
> Garden (Manitoba/North Dakota), I did several side by side
> comparisons with another ham that had an ICOM 706. My FT-100
> severely beat the ICOM in both receive and TX. This comparison was
> only on 17 meters because that was the only antenna he had at the
> time. He had a dipole strung between the trees, and I had the ATAS
> 100 mounted on my Blazer. I heard and worked stations that he could
> not hear. If you can not hear them, you can't work them.
>
> My advice is get the FT-100. Do or have the mods done immediately
> and you will love this unit.
>
> I am not a Yeasu Bigot. I have mostly Icom UHF/VHF equipment and
> Kenwood HF gear.
>
> You will like this rig if you want a mobile HF / VHF rig in one

small
> unit. I have mine remote mounted with only the control head up
front.
>
> Ken - N9CV
>
> --- In FT100@y..., "kd6ccp" <kd6ccp@y...> wrote:
> > I need a good mobil radio. I have looked long and hard at the
> > FT100d, the icom 706 and the Kenwood 50s. The new Kenwood ts2000
> > also looks good. So now am stuck. The FT100d with the matching
> auto
> > antenna seems like a great way to go. Any pointers, suggestions
or
> > help would be great. Thanks,,,

# 12725. Re: [FT100] Unsubscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 10:20:43 UTC
From: ploret1648@aol.com
Topic: 2463  Message: 12725

[Body unavailable in the source archive]

# 12726. RE: [FT100] Want to use FT100+Headset while mobile - any recommen dations??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 17:13:20 UTC
From: Smith Rick-CARA91
Topic: 12726  Message: 12726

Heil makes a great headset and the adapters to run it on the FT100. I would check local regulations about driving with a headset on. Some jurisdictions don't think that you could hear a siren that way. KT7G

-----Original Message-----
From: Lenz Grassl [mailto:mailingliste@...]
Sent: Thursday, February 28, 2002 2:39 AM
To: FT100@yahoogroups.com
Subject: [FT100] Want to use FT100+Headset while mobile - any recommandations??

Hi the whole group!

I use my FT100 since 2.5 years. I like this radio and now I thought to use it with a headset especially for the mobile operation.

Are there any recommandations WHICH headset is best for ham-radio usage and suitable for the FT100 as well? How much are such kind of headsets?

Thanks for all your hints!

Lenz, DL8RDL

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12727. no subject

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 17:33:44 UTC
From: backhoefade
Topic: 12727  Message: 12727

no subject

# 12728. Re: Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 17:16:39 UTC
From: backhoefade
Topic: 12711  Message: 12728

I've had the same problem, but it's only when on SSB, and when my
wife's parakeet is acting up in the background.
Don't know if that helps.

--- In FT100@y..., "lx_luthor" <k0kj@h...> wrote:
> Several times over the course of my FT-100 ownership,
> I've received li'l notices about a chirpy signal. Have
> asked around on the air, and no problems. Ideas? Experiences??
>
> Befuddled,
> Eric K0KJ/5
> San Antonio

# 12729. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 19:46:18 UTC
From: jwfaulkner
Topic: 12662  Message: 12729

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> This rig must have the swr mod and fan mod performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has been established
> here that they are less than "forthright" on the topic.
> (HF and UHF/VHF RX degradation and overheated voltage regulator for
> starters,) it may work swell now but smoke is in your future.

Why the hell should anyone buy this rig and then have to either ship
it back to Yaesu for the "mods" or do it them themselves. This is
"nuts"!

JWF

# 12730. Re: [FT100] Unsubscribe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 23:27:53 UTC
From: Bruce A. Chambers
Topic: 2463  Message: 12730

unsubscribe

ploret1648@... wrote:

>
>
> Yahoo! Groups Sponsor
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12731. A good word

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 20:04:09 UTC
From: John McClain
Topic: 12731  Message: 12731

Things seem to have quieted down a bit here on the list. This can only mean one thing, all of the FT-100's are working great! This is true for me.

John
K7SVV@...

# 12732. Re: Headset while mobile

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 05:45:41 UTC
From: Bob Evans
Topic: 12732  Message: 12732

Herr Grassl,

I have had great luck with the Heil mini-headset. It is lightweight and can plug directly into the microphone into by simply using the correct RJ-12 connector (RJ-11 has 4 connectors, RJ-12 uses 6). Cost is around $100US the last time I checked.

Good luck,
Bob K5WA

-----Original Message-----
From: Lenz Grassl [mailto:mailingliste@...]
Sent: Thursday, February 28, 2002 2:39 AM
To: FT100@yahoogroups.com
Subject: [FT100] Want to use FT100+Headset while mobile - any recommandations??

Hi the whole group!

I use my FT100 since 2.5 years. I like this radio and now I thought to use it with a headset especially for the mobile operation.

Are there any recommandations WHICH headset is best for ham-radio usage and suitable for the FT100 as well? How much are such kind of headsets?

Thanks for all your hints!

Lenz, DL8RDL

# 12733. 2 Queries FC20 and swr mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 22:34:59 UTC
From: fjx1@aol.com
Topic: 12733  Message: 12733

I wonder how many out there are using the FC20 with their Ft100. Yaesu tech recommended it as good protection for finals. Opinions.

Second, I know about the fan mod and mike mod but what is the swr mod and how is it done?

Tks,
Gerry

[Non-text portions of this message have been removed]

# 12734. Re: [FT100] A good word

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 03:20:26 UTC
From: Alek Petkovic
Topic: 12731  Message: 12734

At 01:04 PM 05-03-02 -0700, John wrote:
>Things seem to have quieted down a bit here on the list. This can only mean
>one thing, all of the FT-100's are working great! This is true for me.
>
>John
>K7SVV@...
>

And me too. I just did a couple of trips across Australia and back. FT-100
and the Outbackers (6' and 12' models) were fantastic.

73, Alek
VK6APK

>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12735. New Poll on recommending the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 06:30:59 UTC
From: Lee Devlin
Topic: 12735  Message: 12735

I submitted a new poll to check on the likelihood of
current FT100 owners recommending the rig to others.
We often get new members asking whether or not they
should buy the FT100 and so here's your chance to
stand up and be counted. Often, this type of question
from a new member degenerates into a heated debate,
but I think what a prospective owner really wants to
know is if current owners are happy enough with their
FT100 to recommend it to others.

To vote, visit:

http://groups.yahoo.com/group/FT100/polls

Have fun,

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
http://mail.yahoo.com/

# 12736. New poll for FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 06:17:14 UTC
From: FT100@yahoogroups.com
Topic: 3503  Message: 12736

Enter your vote today! A new poll has been created for the
FT100 group:

How likely would you be to recommend
the Yaesu FT100D to someone looking for
an all-band mobile rig?

o Very Likely
o Somewhat Likely
o Somewhat Unlikely
o Very Unlikely

To vote, please visit the following web page:

http://groups.yahoo.com/group/FT100/polls

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 12737. Re: [FT100] Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-04 14:53:37 UTC
From: kq6odntq@aol.com
Topic: 12719  Message: 12737

Yes the separate control head for the atas 100

Paul kq6od

# 12738. RE: [FT100] Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 13:22:03 UTC
From: Cliff Bryant
Topic: 12719  Message: 12738

Just got my FT100 back after the VHF/UHF PA was replaced. Out of warranty so it cost me 230 UK Pounds (about 320 USD I guess)
I asked them to fit the PA thermal switch which they did. I've modded the unit now with the RF bonding for the HF PA (some of it had already been done during a previous trip to the repair shop) and also added a 100R resistor to keep the fans on all the time.

Having now got back to work (finally) I left the rig on the bench powered up but basically doing nothing with the audio is muted. Interestingly, but not surprisingly, the fans periodically turn on for a few minutes. Hence the PA device is getting pretty hot even during receive.

I would definitely recommend that the cooling modifications are carried out to the radio!

If the fans ever fail or get clogged up I reckon that the radio will be toast (literally!) At 230 Pounds ago I'm not impressed, mind you I'm not saying that the VHF/UHF PA will fail every time it gets hot, but a cool radio is a happy radio in my experience.

The VHF/UHF PA is a custom part I believe and it costs 134 UK Pounds (200 USD??) a throw. Ouch!

Cliff

[Non-text portions of this message have been removed]

# 12740. Re: [FT100] Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 16:28:44 UTC
From: Pres Waterman
Topic: 12719  Message: 12740

Subject: Re: [FT100] Re: the atas 100 remote

> Yes the separate control head for the atas 100

Maybe this information is/should be found in the FAQ

A firm makes a control for the ATAS-100 for almost $100.00

I made one for under $20

Basically, you need a box, 2 SO-239 sockets, a DPDT momentary center-off switch, a 100uH choke, a .1uF feedthrough capacitor, and some .01uF bypass caps to ground and finally a 7808 DC regulator.

Wire the 2 sockets as close together as practical. Couple them together with the .1uF cap.

radio >------||-------< ant
.1uF

From the center contact of the antenna socket, run the 100uH choke over to the center common contact of the DPDT switch. Bypass to ground with a .01

radio >------||-------< ant
^----((((((-----> to 8 or 12v by
monentary switch
100 uH choke

The contact for "up" gets momentary straight 12v, bypassed to ground with a .01

The contact for "down" gets the 7808 output, momentary, 8v, bypassed to ground with a .01

This actually can work through 2m if you use coax between the sockets, although the SWR gets dicey above that.

I would suggest using it only for HF-->6m anyway. Watch your SWR indicator for the dip.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12741. Re FT-100(D) Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 18:13:09 UTC
From: ve7baq
Topic: 12741  Message: 12741

Re the FT-100(D) mods:
I have an FT-100D Serial 9K12------ from which I deducted the manufacture date was September 1999.
After reading many of the posts regarding after purchase factory repair mods and owner mods I decided to open my rig up and take a look-see.
When I took the bottom and top covers off, I discovered that there were strips of copper on all cover surfaces that touch the main frame that they are attached to. As far as I could see the SWR mods have been applied. There are bonding strips soldered to the various locations that have been mentioned in previous posts. I am considering drilling a small hole in the frame and tapping it so I can use a small screw to make the ground connection a bit more secure. Will do this as soon as I locate a small enough screw, either self-tapping or threaded.
I will also install a resistor in the fan ground circuit to keep the fans running on VHF and UHF.
Right now when I turn the rig on, the fans don't come on when I am on HF, but they come on at slow speed after a bit, I presume there is a thermal switch in the circuit as they will come on after the rig sits for a while and warms up. They always come on full speed when the PTT button is pushed.
Someone debated if it was wise to take the measures advocated in previous post and I thought I might remind folk that even when we built our own home brew rigs, it was advised to use copper finger strips around the edges of cabinet openings to prevent RF leaks and also to isolate various stages, so I agree, if it works, do it!
One additional suggestion though: I looked at the small holes for ventilation in the top and bottom covers, and I think it would be a good idea to take a vacuum cleaner to them and lightly clean them and the fans as this is about the only way the air can get to the innards. We are concerned about heat and if the holes are plugged by dust all our work is for nothing!

Einar VE7BAQ

# 12742. Re FT-100(D) Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 18:13:27 UTC
From: ve7baq
Topic: 12741  Message: 12742

Re the FT-100(D) mods:
I have an FT-100D Serial 9K12------ from which I deducted the manufacture date was September 1999.
After reading many of the posts regarding after purchase factory repair mods and owner mods I decided to open my rig up and take a look-see.
When I took the bottom and top covers off, I discovered that there were strips of copper on all cover surfaces that touch the main frame that they are attached to. As far as I could see the SWR mods have been applied. There are bonding strips soldered to the various locations that have been mentioned in previous posts. I am considering drilling a small hole in the frame and tapping it so I can use a small screw to make the ground connection a bit more secure. Will do this as soon as I locate a small enough screw, either self-tapping or threaded.
I will also install a resistor in the fan ground circuit to keep the fans running on VHF and UHF.
Right now when I turn the rig on, the fans don't come on when I am on HF, but they come on at slow speed after a bit, I presume there is a thermal switch in the circuit as they will come on after the rig sits for a while and warms up. They always come on full speed when the PTT button is pushed.
Someone debated if it was wise to take the measures advocated in previous post and I thought I might remind folk that even when we built our own home brew rigs, it was advised to use copper finger strips around the edges of cabinet openings to prevent RF leaks and also to isolate various stages, so I agree, if it works, do it!
One additional suggestion though: I looked at the small holes for ventilation in the top and bottom covers, and I think it would be a good idea to take a vacuum cleaner to them and lightly clean them and the fans as this is about the only way the air can get to the innards. We are concerned about heat and if the holes are plugged by dust all our work is for nothing!

Einar VE7BAQ

# 12743. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 19:25:39 UTC
From: w1pa
Topic: 12662  Message: 12743

--- In FT100@y..., "jwfaulkner" <jwfaulkner@y...> wrote:
> --- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> > This rig must have the swr mod and fan mod performed BEFORE you
> > have trouble. Dont make calls to Yaesu as it has been established
> > here that they are less than "forthright" on the topic.
> > (HF and UHF/VHF RX degradation and overheated voltage regulator
for
> > starters,) it may work swell now but smoke is in your future.
>
> Why the hell should anyone buy this rig and then have to either ship
> it back to Yaesu for the "mods" or do it them themselves. This is
> "nuts"!
>
> JWF

A quick run through the Yahoo 706 list shows...
-a drill hole remove baffle mic mod for the HM103 mike (tiny
audio)... sound familiar?
-cronic issues with a power spike when you think you are running
low power (damage an amp?)
-issues with low SSB output, and a resistor mod from ICOM
-cronic birdie on 10m
-cronic complaints about the noise blanker
-cronic complaints about a swishing noise when tuning
-cronic intermod on VHF
-a bunch of people with oscilation problems on 17m, fixed by
better internal grounding, bending metal fingers and tightening
screws (sound familiar)?
-sporadic reliability, rig failure issues (inoperable with remote
cable, rig won't shut off, thermal shutdown, finals smoking, 2m
receive gone)
-an argument with Icom that their mic schematic doesn't match what
is actually in the mic...

Yep. Yaesu had some quality issues with this rig in the begining. I
was aware of all of these before I bought my 100D in November. I,
however,
...was going to put _something_ HF in my car.
...owned a 706 and didn't like it
...didn't want to bolt my Omni VI to the glove compartment door

Regardless of which side you fall, there are risks, and there will be
those that run into problems. The 100D isn't perfect, neither is the
706. For me, I liked the 100D. All I know is, I'm having a ball...
Starting to wish my commute was longer than 45 minutes.

In the log this week, all mobile: H7DX, 4Z5IW, KH7R, TI9M (two bands), 7X4AN, UK9AA, 9K2OD, OA4SS... I'll get BX5AA in the log if it kills me.

Enjoy,

Bill
W1PA

# 12744. Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 20:59:04 UTC
From: w1pa
Topic: 12744  Message: 12744

There are two mounting screws on either side of the VHF/UHF final. Can anyone think of a creative way to mount a heatsink (e.g. TO-220 [?]) using those screws? Or is something that small just too little thermal mass?

Bill
W1PA

# 12745. Re: [FT100] 2 Queries FC20 and swr mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 12:11:58 UTC
From: gerald.kopstein@us.ul.com
Topic: 12733  Message: 12745

Well, I have been using the FC20 since day 1 with my FT100. Can't say for sure how well it protects the unit since my finals caught fire after two weeks out of the box.

Jerry N9AC

fjx1@...
To: FT100@yahoogroups.com
03/04/02 02:34 cc:
PM Subject: [FT100] 2 Queries FC20 and swr mod
Please respond
to FT100

I wonder how many out there are using the FC20 with their Ft100. Yaesu tech

recommended it as good protection for finals. Opinions.

Second, I know about the fan mod and mike mod but what is the swr mod and how
is it done?

Tks,
Gerry

[Non-text portions of this message have been removed]

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# 12746. RE: [FT100] Re: Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 00:28:40 UTC
From: Richard W. Solomon
Topic: 12711  Message: 12746

Check the voltage at the radio. If it gets below a certain
value the synthesizer can go nuts (Hi-Tech term for FM'ing).

73, Dick, W1KSZ

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Tuesday, March 05, 2002 12:17 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Anybody had any problems with CHIRP?

I've had the same problem, but it's only when on SSB, and when my
wife's parakeet is acting up in the background.
Don't know if that helps.

--- In FT100@y..., "lx_luthor" <k0kj@h...> wrote:
> Several times over the course of my FT-100 ownership,
> I've received li'l notices about a chirpy signal. Have
> asked around on the air, and no problems. Ideas? Experiences??
>
> Befuddled,
> Eric K0KJ/5
> San Antonio

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 12747. RE: [FT100] Re: Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 23:50:17 UTC
From: Alek Petkovic
Topic: 12711  Message: 12747

Also, check for magpies on the yagi. It happens a lot here. The woman over the back fence feeds them every day and they sit on my tribander waiting for her to come out of her house with food. I use the rotator to dislodge them. It helps to eliminate chirp.

73 from sunny Perth,
Alek. VK6APK

At 07:28 PM 05-03-02 -0500, you wrote:
>Check the voltage at the radio. If it gets below a certain
>value the synthesizer can go nuts (Hi-Tech term for FM'ing).
>
>73, Dick, W1KSZ
>
>-----Original Message-----
>From: backhoefade [mailto:cgarner@...]
>Sent: Tuesday, March 05, 2002 12:17 PM
>To: FT100@yahoogroups.com
>Subject: [FT100] Re: Anybody had any problems with CHIRP?
>
>
>I've had the same problem, but it's only when on SSB, and when my
>wife's parakeet is acting up in the background.
>Don't know if that helps.
>
>
>--- In FT100@y..., "lx_luthor" <k0kj@h...> wrote:
> > Several times over the course of my FT-100 ownership,
> > I've received li'l notices about a chirpy signal. Have
> > asked around on the air, and no problems. Ideas? Experiences??
> >
> > Befuddled,
> > Eric K0KJ/5
> > San Antonio
>
>
>
>Post message: FT100@yahoogroups.com
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>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
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# 12748. Removing voltage from U/V final

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 00:14:36 UTC
From: John McClain
Topic: 12748  Message: 12748

I just got to thinking that since I don't use my FT-100 for either VHF or UHF, wouldn't it be smart to remove power to that final and not have to worry about that expensive thing going up in smoke? Someday when I sell it I can connect it back up again. I don't have a Service Manual so could someone tell me which wire I should unsolder?

John
K7SVV@...

# 12749. Re: 2 Queries FC20 and swr mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 22:48:50 UTC
From: ft100guy
Topic: 12733  Message: 12749

--- In FT100@y..., fjx1@a... wrote:
> I wonder how many out there are using the FC20 with their Ft100.
Yaesu tech
> recommended it as good protection for finals. Opinions.
>
> Second, I know about the fan mod and mike mod but what is the swr
mod and how
> is it done?
>
> Tks,
> Gerry

1st mistake, asking anyone there at Yaesu for their opinion.

Secondly, a good SWR match is the best protection for the finals.

Thirdly the FC20 stinks and the SGC or LDG are much better tuners
for the money.

If you have an FC20, use it to prop your rig up and nothing more..
Its lucky if it will match a resonant antenna as its very picky on
what it does match. Its main purpose is to touch up resonant
antennas. The LDG and SGC will make most antennas that are out of the
desired band work on the band you want with some limitations and for
less or slightly more money (depending on which model/power output
etc..you pick) than the FC20. Regards.. Richy N2ZD

# 12750. RE: [FT100] Re: Anybody had any problems with CHIRP?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 00:11:06 UTC
From: Richard W. Solomon
Topic: 12711  Message: 12750

I had a squirrel on the 40 mtr beam, chewing on the coax balun at
the feedpoint. The 3CX1200A7 at 25 wpm for a few seconds cured the
problem !!

73, Dick, W1KSZ
A Friend to All Things Furry !!

-----Original Message-----
From: Alek Petkovic [mailto:vk6apk@...]
Sent: Wednesday, March 06, 2002 6:50 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: Anybody had any problems with CHIRP?

Also, check for magpies on the yagi. It happens a lot here. The woman over
the back fence feeds them every day and they sit on my tribander waiting
for her to come out of her house with food. I use the rotator to dislodge
them. It helps to eliminate chirp.

73 from sunny Perth,
Alek. VK6APK

At 07:28 PM 05-03-02 -0500, you wrote:
>Check the voltage at the radio. If it gets below a certain
>value the synthesizer can go nuts (Hi-Tech term for FM'ing).
>
>73, Dick, W1KSZ
>
>-----Original Message-----
>From: backhoefade [mailto:cgarner@...]
>Sent: Tuesday, March 05, 2002 12:17 PM
>To: FT100@yahoogroups.com
>Subject: [FT100] Re: Anybody had any problems with CHIRP?
>
>
>I've had the same problem, but it's only when on SSB, and when my
>wife's parakeet is acting up in the background.
>Don't know if that helps.
>
>
>--- In FT100@y..., "lx_luthor" <k0kj@h...> wrote:
> > Several times over the course of my FT-100 ownership,
> > I've received li'l notices about a chirpy signal. Have
> > asked around on the air, and no problems. Ideas? Experiences??
> >
> > Befuddled,
> > Eric K0KJ/5

> > San Antonio
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>
>
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>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 12751. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 21:49:01 UTC
From: Mike May
Topic: 12744  Message: 12751

A much better method is to cut a hole the same size of one of the rear fans in the case directly above the V/U final and move a rear fan to that location, or even add a 3rd fan with the added one above the V/U final to pull fresh air in while the 2 rear fans are pulling hot air out. I did the first method after replacing my V/U finals and so far it works great when my fans turn on now in V/U receive they are not on as long as with the stock fan configuration.

Mike
WB8VLC/7
w1pa wrote:

> There are two mounting screws on either side of the VHF/UHF final.
> Can anyone think of a creative way to mount a heatsink (e.g. TO-220
> [?]) using those screws? Or is something that small just too little
> thermal mass?
>
> Bill
> W1PA
>
>
>
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[Non-text portions of this message have been removed]

# 12752. Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 22:52:42 UTC
From: n4fan
Topic: 12744  Message: 12752

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> There are two mounting screws on either side of the VHF/UHF final.
> Can anyone think of a creative way to mount a heatsink (e.g. TO-220
> [?]) using those screws? Or is something that small just too little
> thermal mass?
>
> Bill
> W1PA

Bill,
I have been thinking the same thing. Why not glue it to out put transistor like they do computer 3d video cards. I dont see how it could hurt. I have a Ft100 and FT 100d. Moded the Ft100 (Resitor fan mod) Bought used. No problems what so ever. Liked it well enough to buy new Ft100d ( it had SWR mode I install fan mod) I do Think Yaesu has evaded the problem. To many post on the subject. Any how I want insurance so I moded mine. I will take a look and see what I get into on my FT100 about heat sink. Also someone said 9v olt regulator gets hot in receive causing poor sensitivity. Mine is ok but want to check it also. Will let group know what i get into.

N4FAN
Shelby, NC
Home of the "Grandaddy Hamfest of them all"
Chris M. Bridges

# 12753. Re: [FT100] Digest Number 1135

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 23:14:05 UTC
From: Michael J
Topic: 12753  Message: 12753

Living in the same town as Bob Heil, K9EID; I have found his mikes to be great. I have one on my FT100D and have had good audio reports. But then, I have also have also had good audio reports with the stock mike. The headset that I have only has one ear covered, leaving the other available to hear warning sirens.

Michael
KA9HNT

---
> Message: 1
> Date: Tue, 5 Mar 2002 10:13:20 -0700
> From: Smith Rick-CARA91 <k7gdn@...>
> Subject: RE: Want to use FT100+Headset while mobile - any
> recommen dations??
>
> Heil makes a great headset and the adapters to run it on the
> FT100. I would check local regulations about driving with a
> headset on. Some jurisdictions don't think that you could
> hear a siren that way. KT7G
>
> -----Original Message-----
> From: Lenz Grassl [mailto:mailingliste@...]
> Sent: Thursday, February 28, 2002 2:39 AM
> To: FT100@yahoogroups.com
> Subject: [FT100] Want to use FT100+Headset while mobile - any
> recommandations??
>
>
> Hi the whole group!
>
> I use my FT100 since 2.5 years. I like this radio and now I
> thought to use
> it with a headset especially for the mobile operation.
>
> Are there any recommandations WHICH headset is best for
> ham-radio usage and
> suitable for the FT100 as well? How much are such kind of
> headsets?
>
> Thanks for all your hints!
>
> Lenz, DL8RDL

>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> We are all a part of this Lets make it as good as possible.
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# 12754. Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 14:58:04 UTC
From: ft100guy
Topic: 12719  Message: 12754

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> I am confused by your question? Usually the ATAS-100 is controlled
> by pressing the TUN button on the FT-100 control head. The FT-100
> control head can be mounted directly on the front of the radio or
> remote mounted using a separation cable/kit. Are you asking for a
> separate control head just for the ATAS-100?
>
> Ken - N9CV
> -- In FT100@y..., kq6odntq@a... wrote:
> > Hello All,
> >
> > Is there a remote for the atas 100?
> >
> > 73' All kq6od

There is a remote for the ATAS made by amcom, also check with w4rt as they have some stuff also. The remote box will allow you to tune the atas seperate from the radio for example using the atas with another radio say an Icom..

Please disregard any delay in my message posts as they must go thru 17 steps of approval before they are posted. Political correctness has gotten the best of this group and I seem to be the whipping boy. Its truly getting to the point of obsurdity as one of my posts never made it here and the other was deemed a message of "personal nature". Quite often it takes 8-10 hours before I see my message posted. A discourtesy to those who had asked a question and are awaiting a reply and silly as we are all grown men and women here.. Regards.. Richy N2ZD

# 12755. Re: the atas 100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-05 17:32:10 UTC
From: morganquityesterday
Topic: 12719  Message: 12755

First, I must say I have NO experience with this device, never used one, am not suggesting you buy one, etc.

Am Com (www.amcominc.com) offers a "remote" for the ATAS100. It appears to be two boxes, one is the control head and the other goes into the feedline. It supplies the DC voltages on the feedline to lengthen or shorten the antenna. You have to listen for minimum SWR using your transceiver. No RF and no "auto" tuning that I can see.

Check out the device on the Am Com website and see if it fits what you expect.

Turner - WA4MQY

--- In FT100@y..., kq6odntq@a... wrote:
> Hello All,
>
> Is there a remote for the atas 100?
>
> 73' All kq6od

# 12756. Re: [FT100] 2 Queries FC20 and swr mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 01:59:14 UTC
From: John McClain
Topic: 12733  Message: 12756

I am not familiar with the other tuners that compete with the FC-20 but I can say that I am very happy with the FC-20 except for that fact that it is slow. It may take 15-20 seconds to complete a tuning operation. This seems a little slow to me since it uses relays to switch L and C in and out of the circuit. I have used mine to match a 3 to 1 SWR with no problem. I have no doubt that mine saved my finals but now that my antennas are properly tuned, I really don't need mine any more. I don't think that you can go wrong buying a FC-20 but one of the others that are available may very well be better for you so do a lot of research.

John
K7SVV@...
----- Original Message -----
From: fjx1@...
To: FT100@yahoogroups.com
Sent: Monday, March 04, 2002 3:34 PM
Subject: [FT100] 2 Queries FC20 and swr mod

I wonder how many out there are using the FC20 with their Ft100. Yaesu tech recommended it as good protection for finals. Opinions.

Second, I know about the fan mod and mike mod but what is the swr mod and how is it done?

Tks,
Gerry

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12757. Re: Re: the atas100 remote

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 02:30:08 UTC
From: Bob Evans
Topic: 12757  Message: 12757

Cliff,

I made an interesting observation that may help you save your finals. My fans only came on during and immediately after I transmitted when I had it mounted in my car, but when I had it (never been modified) in the house running off my Astron 30A supply, the fans came on when the rig was simply receiving. I looked at the voltage setting on the Astron and realized it was cranked up to 14.85 volts. In the car, it sees only about 12.5 to 13.5 volts, so I cranked the voltage down on the Astron. Now the fans only kick on during and immediately after transmitting, just like in the car. I have the rig remotely mounted in my car trunk where it can regularly hit 100F+ degrees in southern Texas and it has worked flawlessly for nearly 2 years. Maybe your voltage is a bit high if the fans are kicking on under receive.

Good luck,
Bob K5WA

>>Having now got back to work (finally) I left the rig on the bench
>>powered up but basically doing nothing with the audio is muted.
>>Interestingly, but not surprisingly, the fans periodically turn on for a
>>few minutes. Hence the PA device is getting pretty hot even during
>>receive.
>>
>>I would definitely recommend that the cooling modifications are carried
>>out to the radio!
>>
>>If the fans ever fail or get clogged up I reckon that the radio will be
>>toast (literally!) At 230 Pounds ago I'm not impressed, mind you I'm not
>>saying that the VHF/UHF PA will fail every time it gets hot, but a cool
>>radio is a happy radio in my experience.
>>
>>The VHF/UHF PA is a custom part I believe and it costs 134 UK Pounds
>>(200 USD??) a throw. Ouch!
>>
>>Cliff

# 12758. Data jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 02:46:20 UTC
From: adb1x1
Topic: 12758  Message: 12758

Am I correct in what I've observed: the 1200-baud output on the data jack (6-pin) on the ft-100d bypasses the DSP? I can't find any menu option to change it, so I assume that's the way it is. That's not a problem for Packet, but does limit the choices somewhat for other digital modes.

Thanks,
Anthony, NT4X

# 12759. My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 18:00:27 UTC
From: Trm Martens
Topic: 12759  Message: 12759

Hello group, This morning I turned on the FT-100 and went off to have breakfast. After about half an hour I smelled something chemical burning. I traced it to the shack, where the FT-100's fan was on low speed. The radio was not transmitting and the case was very hot. I turned the radio off and allowed it to cool. When I tried to transmit after that, it did not work at all. Any ideas? Tom VE6TRM

[Non-text portions of this message have been removed]

# 12760. RE: [FT100] Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 08:14:51 UTC
From: Eric van de Weyer
Topic: 12662  Message: 12760

<snip>
-an argument with Icom that their mic schematic doesn't match what
is actually in the mic...

Well, at least we don't have this one with the FT100.... there is NO mic
schematic to be incorrect!
Had to pull the mic appart and trace it out myself.

If anyone wants it I can do a diag of it.

73....Eric VK2KUR.

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[Non-text portions of this message have been removed]

# 12761. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-06 21:06:11 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12744  Message: 12761

Any folded or carved aluminum or copper that sticks up in the air (and copper would be better than aluminum, the thicker the better) flow should help considerably. It should contact the flange surfaces where the screws are (would need longer screws) and probably gently touch the top of the case. Probably a bit of heat sink grease (minimal at the flanges, more over the case) would be a benefit.

Though, is it the PA transistor or its bias circuit that blows the VHF/UHF PA? FETs aren't supposed to be subject to thermal run away like bipolar transistors...

73, Jerry, K0CQ
--
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# 12762. Re: [FT100] OFF-Topic but important

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 11:22:05 UTC
From: luiz lissoni
Topic: 12758  Message: 12762

Fellows, could anyone get me a mic connector to the Collins line (75/32S) ? Tanks a lot
Luiz PY2MRD --- adb1x1 wrote: Am I correct in what I've observed: the 1200-baud output on the
data jack (6-pin) on the ft-100d bypasses the DSP? I can't find any
menu option to change it, so I assume that's the way it is. That's
not a problem for Packet, but does limit the choices somewhat for
other digital modes.

Thanks,
Anthony, NT4X

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# 12763. Re: [FT100] Data jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 14:00:15 UTC
From: Lee Devlin
Topic: 12758  Message: 12763

--- adb1x1 <adb1x1@...> wrote:
> Am I correct in what I've observed: the 1200-baud
> output on the
> data jack (6-pin) on the ft-100d bypasses the DSP? I
> can't find any
> menu option to change it, so I assume that's the way
> it is. That's
> not a problem for Packet, but does limit the choices
> somewhat for
> other digital modes.

The modern digital modes use the computer for DSP filtering so it's unlikely you'll lose anything by having the whole audio signal available to the PC. The biggest issue with digital modes, especially the narrow ones like PSK31, is that if you don't apply the filtering before the AGC, a wide and powerful adjacent digital mode like PACTOR or RTTY is likely to wipe out the narrow little PSK signal all together. So there will always be an advantage to using a ceramic filter to isolate a weak, narrow signal.

DSPs aren't fast enough to work much above audio frequencies so just about all DSP processing in ham radios takes place after the IF stage. Some radios take credit for doing DSP in the IF stage, but you'll notice that the last IF stage isn't very high which is what makes that possible.

When the CPUs in PCs got fast enough, the audio DSP software for ham radio really took off. Prior to that you had to buy a kind of developers board with a DSP chip on it and download the code to it.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 12764. Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 15:29:40 UTC
From: w1pa
Topic: 12744  Message: 12764

What about something like this?

http://www.downeastmicrowave.com/graphics/heatsink1.JPG

Bill
W1PA

# 12765. Re: [FT100] Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 15:34:03 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12744  Message: 12765

Probably. Sure looks hard to bend with a finger brake.

73, Jerry, K0CQ
--
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# 12766. New poll for FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 18:33:26 UTC
From: FT100@yahoogroups.com
Topic: 3503  Message: 12766

Enter your vote today! A new poll has been created for the
FT100 group:

Have you ever done the mike mod for the
100 100d (USA version), and did you
like the results?

o Yes...I did the mike mod and my tx audio sounds better
o Yes...I did the mike mod, but my tx audio sounds worse
o I am thinking about doing the mike mod.
o No...I didnt do the mike mod, but will do it pretty soon
o No...I didnt do the mike mod...my tx audio sounds fine as it is.

To vote, please visit the following web page:

http://groups.yahoo.com/group/FT100/polls

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 12767. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 19:38:53 UTC
From: Bob Cheek
Topic: 12744  Message: 12767

To all,

Considering the VHF/UHF PA stage has no feedback on
it, I would be reluctant to put a heat sink on top of
the PA MOSFET for fear of changing the stray C in the
circuit and inducing the PA into oscillation.

What do you think Mike?

DE WB4EJE

--- Mike May <mike.may@...> wrote:
> A much better method is to cut a hole the same size
> of one of the rear
> fans in the case directly above the V/U final and
> move a rear fan to
> that location, or even add a 3rd fan with the added
> one above the V/U
> final to pull fresh air in while the 2 rear fans are
> pulling hot air
> out. I did the first method after replacing my V/U
> finals and so far it
> works great when my fans turn on now in V/U receive
> they are not on as
> long as with the stock fan configuration.
>
>
> Mike
> WB8VLC/7
> w1pa wrote:
>
> > There are two mounting screws on either side of
> the VHF/UHF final.
> > Can anyone think of a creative way to mount a
> heatsink (e.g. TO-220
> > [?]) using those screws? Or is something that
> small just too little
> > thermal mass?
> >
> > Bill
> > W1PA
> >
> >
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# 12768. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 19:04:17 UTC
From: Lee Devlin
Topic: 12744  Message: 12768

--- "Dr. Gerald N. Johnson, electrical engineer"
<geraldj@...> wrote:

> Though, is it the PA transistor or its bias circuit
> that blows the
> VHF/UHF PA? FETs aren't supposed to be subject to
> thermal run away like
> bipolar transistors...

This is an important question. Many people seem to think that the fans being off during V/U receive is the cause of the problem, but I don't think this is the true. The temperature rise in the case is only about 30F with the fans off during receive. The output transistor is likely to be no warmer than the case in that condition. However, during transmit, that transistor is probably dissipating as much as 50% of the output power so that's when it gets really hot. Yet, most people who have experienced a failure of the output transistor have reported it occured during receive mode.

Of course, after the failure, the transistor is shorted and draws many amps of current and this causes lots of heat so people think of the fans being off, the case being hot, and the output blown as all being related in a kind of chain reaction. I contend that the blown transistor is the cause of the heat, not the effect of it.

It would be nice to find the root cause of the blown final because it doesn't seem to be related to heat buildup in the case. Also, it also seems that people have only reported the V/U transistor being blown, not the HF transistor. Since the SWR problem is primarily related to the HF portion of the rig, that doesn't seem to correlate with a blown V/U output transistor either.

Anyone familiar with FET output final failure modes care to jump in and offer any wisdom?

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

---
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# 12769. Diamond in the rough

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 20:00:21 UTC
From: backhoefade
Topic: 12662  Message: 12769

Take a look at the 3rd order intercept points and adjacent channel blocking characteristics of the FT-100D and the ICOM 706 in the QST product reviews at the ARRL website and you will see the huge difference in strong signal handling ability of the Yaesu over the ICOM. On one of the bands the difference in the 3rd order intercept is nearly 25 dB. That means that for the same input signal level to each rig the 3rd order IMD will be 2x25 = 50 dB down further on the Yaesu as compared to the ICOM. This was achieved in part by sacrificing a bit of MDS (Minimum Discernible Signal) in the Yaesu, i.e. slightly higher noise figure. But on the HF bands the noise floor of your receiving system is generally dominated by external noise sources and various interferers rather than the kTB of the receiver itself (i.e. -173.98 dBm / Hz + 10log(receiver effective noise bandwidth) + noise figure. So the trade-off of a slightly higher noise figure in the FT-100D for a huge improvement in front end overload performance is appropriate. The Yaesu guys were thinking about the practical application of the rig while the ICOM guys' marching orders were apparently just "design for MDS", which was a fundamental mistake. The FT-100D rates as a "competition grade" receiver which will survive a typical Field Day "battle-field spectral" environment. The ICOM will generate gobs of cross-modulation. ICOM - you blew it.

Also, the ICOM DSP lacks the essential variable bandpass filter capability of the FT-100D which is especially helpful for CW afficionados. It is excellent. How someone would put DSP into a receiver and leave out variable BPF mode is beyond comprehension. That's just plain dumb.

Do I have to mention the noise blanker in the FT-100D? I don't think so. Do I have to mention the fact that you can receive well above 480 MHz which lets you monitor crucial public service activities during a disaster? I don't think so.

Do I have to mention that the rig has 3 basic flaws that need correction in order to enjoy the great rig. Yes. They are:
1) Internal grounding to eliminate spurious oscillation.
2) Fan mod
3) Mic mod

Once you've cleaned up the rough edges then this diamond of a rig really shines. So, unfortunately, if you want the superior performer then you have to make those mods. If you want a literally second-rate radio in terms of performance then you're reading the wrong bulletin board.

Chas N6AF

Electrical Engineer and multi US Patent holder
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--- In FT100@y..., "jwfaulkner" <jwfaulkner@y...> wrote:
> --- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> > This rig must have the swr mod and fan mod performed BEFORE you
> > have trouble. Dont make calls to Yaesu as it has been established
> > here that they are less than "forthright" on the topic.
> > (HF and UHF/VHF RX degradation and overheated voltage regulator
for
> > starters,) it may work swell now but smoke is in your future.
>
> Why the hell should anyone buy this rig and then have to either ship
> it back to Yaesu for the "mods" or do it them themselves. This is
> "nuts"!
>
> JWF

# 12770. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 20:18:07 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12744  Message: 12770

The temperature of the VHF/UHF PA in receive may depend on its biasing. One would think that it would be biased off, unless it IS the receiver RF stage (a dandy way to achieve dynamic range). With that stage biased off until time to transmit there shouldn't be any chance of it oscillating or heating. The PA interstage and output matching in the V shaped dangling wires, looks like an oscillation disaster in the making. Running other wires near them (like thermostat wires) can lead to odd feedback paths that are different in each radio and different according to the position of the smaller wires as they are moved by the air flow through the radio.

Often a class AB stage is biased to dissipate as much power with no signal as it will with maximum signal because in most active devices that leads to the least intermod distortion in the stage. So if the V/U PA is sitting there on receive biased for instant transmit, it will be dissipating significant power. And will also be biased for the MAXIMUM gain to be most susceptible to oscillation with the least positive feedback. And if not loaded by the antenna such an oscillation will almost surely cause excess voltage on the drain within the first cycle or two of full power oscillation to cause FET failure by overvoltage on the drain. RF plus DC. Once the drain punches through the transistor is shorted. This would be a difficult event to monitor because failure may happen in picoseconds.

For the price of a factory repair out of warrantee, the solution may be to acquire external brick amplifiers, add a bit of band detect logic, to select the appropriate amplifier and then patch around the V/U PA circuit.

73, Jerry, K0CQ
--
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# 12771. Potential quiet fan mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 21:02:17 UTC
From: backhoefade
Topic: 12771  Message: 12771

I'm looking at the possibility of substituting a somewhat larger fan in place of the two mini-fans which make so much noise. The idea would be to somehow attach a roughly 2.5 inch 'tall' fan onto the back of the rig ala that new 75 Watt 2 meter VHF mobile rig which ICOM or Kenwood just introduced. If I can find a way to push the same CFM (or more) through the rig relatively quietly I'll try it. Might have to have the guys in the machine shop fashion a custom cowling for it.

# 12772. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 19:53:18 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12744  Message: 12772

When Cerritos adds a thermal switch, they plop it on top the VHU/UHF PA
and run its wires practically mixed in with the bent wire tank circuit.
Probably a grounded heat sink would improve the stability of the stage
by shielding output from input thus reducing the stray C.

73, Jerry, K0CQ
--
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# 12773. Re: [FT100] OFF-Topic but important

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 21:04:44 UTC
From: David F. Morse
Topic: 12758  Message: 12773

```
-----------------
Luis; might check out this link to surplus sales in nebraska, USA.
E-mail bob if u can't find what u need; they have mucho stuff.
http://www.surplussales.com/CollAssor.html
David in Denver, CO USA
>>>>>>>>>>>>>>>>

>Fellows, could anyone get me a mic connector to the
>Collins line (75/32S) ?
>
>Tanks a lot
>
>Luiz PY2MRD
>--- adb1x1 <adb1x1@...> wrote:

--
```

# 12774. Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 00:25:50 UTC
From: Robert Hayes
Topic: 10025  Message: 12774

Could someone please send me the details of the "Fan Mod". Off list is preferable. Thanks!

Rob KC5IMN rbhtxk@...

# 12775. Remove power from the V/U PA

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 01:03:22 UTC
From: John McClain
Topic: 12775  Message: 12775

Since I don't have a Service Manual, would someone take a look at theirs and tell me what wire I should disconnect to remove the supply voltage from the V/U PA? I don't use these bands and I thought that I would remove the chance that the expensive V/U PA would self destruct.

John
K7SVV@...

# 12776. Re: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 15:22:37 UTC
From: Mike May
Topic: 12759  Message: 12776

Is this in VHF/UHF tx or on hf that it will not tx ? If is in vhf/uhf tx then it sounds like the gate punch thru problem where the v/u final is shorted drains to gates, it most likely will be drawing about 10 to 12 amps while in receive if this is the case. It seems that the device is overbiased, I have measured 9 volts Vgs on the V/U final which is at the maximum range for that device at 25 C, above 25 C and the Vgs should be operated closer to 6 to 7 volts. Unfortunately the bias pot arrangement on the V/U final has a limited control range of 8.7 to 9.0 volts. Which means even if you replace the final it has a good chance of dying again.

Mike
WB8VLC/7

Trm Martens wrote:

> Hello group, This morning I turned on the FT-100 and went off to have
> breakfast. After about half an hour I smelled something chemical
> burning. I traced it to the shack, where the FT-100's fan was on low
> speed. The radio was not transmitting and the case was very hot. I
> turned the radio off and allowed it to cool. When I tried to transmit
> after that, it did not work at all. Any ideas? Tom VE6TRM
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[Non-text portions of this message have been removed]

# 12777. Fwd: Re: [FT100] Digest Number 1135

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 16:09:15 UTC
From: Michael J
Topic: 12777  Message: 12777

Living in the same town as Bob Heil, K9EID; I have found his mikes to be great. I have one on my FT100D and have had good audio reports. But then, I have also have also had good audio reports with the stock mike. The headset that I have only has one ear covered, leaving the other available to hear warning sirens.

Michael
KA9HNT

---
> 
> Message: 1
> Date: Tue, 5 Mar 2002 10:13:20 -0700
> From: Smith Rick-CARA91 <k7gdn@...>
> Subject: RE: Want to use FT100+Headset while mobile - any
> recommen dations??
> 
> Heil makes a great headset and the adapters to run it on
the
> FT100. I would check local regulations about driving with a
> headset on. Some jurisdictions don't think that you could
> hear a siren that way. KT7G
> 
> -----Original Message-----
> From: Lenz Grassl [mailto:mailingliste@...]
> Sent: Thursday, February 28, 2002 2:39 AM
> To: FT100@yahoogroups.com
> Subject: [FT100] Want to use FT100+Headset while mobile -
any
> recommandations??
> 
> 
> Hi the whole group!
> 
> I use my FT100 since 2.5 years. I like this radio and now I
> thought to use
> it with a headset especially for the mobile operation.
> 
> Are there any recommandations WHICH headset is best for
> ham-radio usage and
> suitable for the FT100 as well? How much are such kind of
> headsets?
> 
> Thanks for all your hints!

>
> Lenz, DL8RDL
>

_____
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# 12778. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 20:24:40 UTC
From: Mike May
Topic: 12744  Message: 12778

Most of the TMOS fet problems were caused by metal migration from excessive die hotspotting which could be caused by poor heatsinking and or operating at higher bias settings along with bias shif problems. In a lot of the TMOS fets a Vgs shift of up to 30% was not unusual even after short periods of operation especially at higher bias settings like the Ft100 V/U final uses. The shift would result in the Drain idle current increasing in a direct proportion to the Vgs drift. This was a common problem in the Motorola and other MFG. TMOS and earlier type of RF power FETs. This would lead to poor VSWR immunity, gate punch thru at turn on when even small voltage spikes could appear on the drain. It's probably a combination of degredation over time along with voltage spikes that under normal conditions wouldn't hurt the device.

Mike

Lee Devlin wrote:

> 
> --- "Dr. Gerald N. Johnson, electrical engineer"
> <geraldj@...> wrote:
> 
> > Though, is it the PA transistor or its bias circuit
> > that blows the
> > VHF/UHF PA? FETs aren't supposed to be subject to
> > thermal run away like
> > bipolar transistors...
> 
> This is an important question. Many people seem to
> think that the fans being off during V/U receive is
> the cause of the problem, but I don't think this is
> the true. The temperature rise in the case is only
> about 30F with the fans off during receive. The
> output transistor is likely to be no warmer than the
> case in that condition. However, during transmit,
> that transistor is probably dissipating as much as 50%
> of the output power so that's when it gets really hot.
> Yet, most people who have experienced a failure of
> the output transistor have reported it occured during
> receive mode.
> 
> Of course, after the failure, the transistor is
> shorted and draws many amps of current and this causes
> lots of heat so people think of the fans being off,
> the case being hot, and the output blown as all being
> related in a kind of chain reaction. I contend that
> the blown transistor is the cause of the heat, not the

> effect of it.
>
> It would be nice to find the root cause of the blown
> final because it doesn't seem to be related to heat
> buildup in the case. Also, it also seems that people
> have only reported the V/U transistor being blown, not
> the HF transistor. Since the SWR problem is primarily
> related to the HF portion of the rig, that doesn't
> seem to correlate with a blown V/U output transistor
> either.
>
> Anyone familiar with FET output final failure modes
> care to jump in and offer any wisdom?
>
>
> =====
> 73,
>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
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[Non-text portions of this message have been removed]

# 12779. Re: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 09:22:45 UTC
From: alpha
Topic: 12759  Message: 12779

IS THIS A FT-100 OR A FT-100D ????
Trm Martens <trm@...> wrote: Hello group, This morning I turned on the FT-100 and went off to have breakfast. After about half an hour I smelled something chemical burning. I traced it to the shack, where the FT-100's fan was on low speed. The radio was not transmitting and the case was very hot. I turned the radio off and allowed it to cool. When I tried to transmit after that, it did not work at all. Any ideas? Tom VE6TRM

[Non-text portions of this message have been removed]

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# 12780. Re: Data jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 21:08:44 UTC
From: kg4fet
Topic: 12758  Message: 12780

--- In FT100@y..., "adb1x1" <adb1x1@y...> wrote:
> Am I correct in what I've observed: the 1200-baud output on the
> data jack (6-pin) on the ft-100d bypasses the DSP? I can't find any
> menu option to change it, so I assume that's the way it is. That's
> not a problem for Packet, but does limit the choices somewhat for
> other digital modes.
>
>
> Thanks,
> Anthony, NT4X

Anthony,
The DSP does function through the 1200 baud Data jack for PSK and other digital modes using the SSB mode rather then digital. Using SSB is the wisest choice on the SC digital modes because the filtering is tigthter through Digital on the FT 100.
73 and all the best
DE KG4FET Sandor Active in PSK, HELL, MFSK, PAC SATS, HSMS all using the FT 100

# 12781. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 21:28:29 UTC
From: backhoefade
Topic: 12662  Message: 12781

Same mobile FT-100D problem here. My commute is only about 15
minutes. And my wife wonders why I sit in my car in the driveway for
a few minutes sometimes after I arrive home in the evening. Boy,
I'll tell 'ya, some people just don't have thier priorities straight!
N6AF Chas

For me, I liked the 100D. All I know is, I'm having a ball...
> Starting to wish my commute was longer than 45 minutes.
>
> In the log this week, all mobile: H7DX, 4Z5IW, KH7R, TI9M (two
> bands), 7X4AN, UK9AA, 9K2OD, OA4SS... I'll get BX5AA in the log
if
> it kills me.
>
> Enjoy,
>
> Bill
> W1PA

# 12782. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-07 20:10:09 UTC
From: Mike May
Topic: 12744  Message: 12782

Any small sink attached to the top of that final isn't going to do much good as the major die hotspot is still on the bottom flange center, basically the existing heatsink is just to small and the radio needs better airflow with a method such as one fan pulling air in and another pulling air out. That's the reason that I put a fan directly above the finals, added feedback to the stage and lowered the bias voltage. Which brings up another point, the crank up the bias method whereby a MFG. will set Idq at a high level is an old trick to operate the transistor in or near compression and thereby try to obtain every possible watt of overhead without having to tune a wideband stage to compensate for differences in out Z of the devices, the only problem is the die gets various hotspoting throughout it which leads to metal migration problems which later leads to early failure, lowered VSWR handling capability down the road, also there are the Vgs drift problems at high bias levels which was a major problem and still is with the Motorola/MaCom TMOS power FETs and fact this was a larger problem in the fets than was thermal runaway in bipolar power devices.

Mike
Bob Cheek wrote:

> To all,
>
> Considering the VHF/UHF PA stage has no feedback on
> it, I would be reluctant to put a heat sink on top of
> the PA MOSFET for fear of changing the stray C in the
> circuit and inducing the PA into oscillation.
>
> What do you think Mike?
>
> DE WB4EJE
>
> --- Mike May <mike.may@...> wrote:
> > A much better method is to cut a hole the same size
> > of one of the rear
> > fans in the case directly above the V/U final and
> > move a rear fan to
> > that location, or even add a 3rd fan with the added
> > one above the V/U
> > final to pull fresh air in while the 2 rear fans are
> > pulling hot air
> > out. I did the first method after replacing my V/U
> > finals and so far it
> > works great when my fans turn on now in V/U receive
> > they are not on as

> > long as with the stock fan configuration.
> >
> >
> > Mike
> > WB8VLC/7
> > w1pa wrote:
> >
> > > There are two mounting screws on either side of
> > the VHF/UHF final.
> > > Can anyone think of a creative way to mount a
> > heatsink (e.g. TO-220
> > > [?]) using those screws? Or is something that
> > small just too little
> > > thermal mass?
> > >
> > > Bill
> > > W1PA
> > >
> > >
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# 12783. Blown V/U output transistor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 03:16:51 UTC
From: Lee Devlin
Topic: 12744  Message: 12783

--- "Dr. Gerald N. Johnson, electrical engineer"
<geraldj@...> wrote:
> Often a class AB stage is biased to dissipate as
> much power with no
> signal as it will with maximum signal ...

The power consumption on transmit is more than 2 times the RF output power which means that the components inside the rig are dissipating even more power in the form of heat than the amount going out the antenna in the form of RF. This is normal by the way, all rigs have similar inefficiencies.

When the output is 100W, the power consumption is over 240W. Therefore, around 140W of heat needs to be disposed of during transmit. This is about 10x the power consumed on receive so I don't think the output transistors are dissipating much power during receive. Otherwise, the receive power consumption would be much higher.

In looking around for components that could be dissipating this heat during transmit, the output transistor is the most likely suspect as all the other components in the output path are capacitors and transformers.

When you consider that the output transistors are capable of dissipating such enormous amounts of power (and thus heat), it seems unlikely that they'd be damaged by heat while just sitting there during receive. I would think that somehow the transistor gets damaged first and only then begins to consume large amounts of current. According to some reports, the amount is about 11A which is nearly 10A above the normal receive current. This means that the transistor is dissipating over 100W of power while it's shorted. The V/U transistor is only rated for 50W maximum. Does the transistor short out due to heat or does it short out first and then produce the heat? I contend that it shorts out first and the heat comes later.

What would cause the V/U transistor to short? Perhaps a manufacturing defect is responsible. Or, there could be some damage caused by excessive heat during

transmit due to a poor SWR which prematurely damages the transistor. It could also be a punch through from a static discharge. At one time, flux left on the board was thought to be the cause, but it's hard to understand this phenomena unless the flux was conductive (which is unlikely). I really think that no one really knows the cause yet.

If you know the root cause of the problem, please jump in now. It seems that we've had a number of list members report a blown V/U final in the past few months and it would be good to get to the bottom of it.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 12784. V/U finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 04:11:33 UTC
From: k5unm
Topic: 12784  Message: 12784

Researching the service manual reveals that the bias voltage regulator Q3506 on the PA board is controlled by Q7010 control microprocessor (UPD78P4038GC-BBT) on the Control board. Since Q3506 (PQ09TZ1U) is a Sharp 4 terminal regulator with on/off control the Bias voltage is off unless the FT100 is in transmit. Not only is the Q3505 (SRF7043) finals controlled but all of the bias string for Q3501 MRF581, Q3502 MRF559, Q3503 MRF555 and Q3504 MRF5015 controlled by the same regulator. Q3501 thru Q3505 form the V/U power amplifier chain prior to the antenna switching circuits (relays) on the LPF unit. This would imply that during receive the PA section is not dissipating any power unless Q3506 is latched on or defective. Additionally the probable failure mechanism is transients on the 13.8vdc line since the finals do have that voltage present the entire time the radio is powered. The regulator Q3506 has protective diodes to prevent bias voltage from remaining applied if primary power suddenly is removed, i.e. radio is keyed and loss of input voltage occurs.
Additionally this scheme is also used on the HF finals with Q3001, the same Sharp device, controling the idle current on the Q3007/8 MRF255, Q3004 MRF5015, and Q3002 MRF9745 the HF power amplifier chain.
Another interesting item is that ther are two control transistors for the cooling Fans, one is directly controlled by the HFtx and VUtx signals (Q3507) the second by the control processor. The second control is the slow fan speed since it has a 39ohm resistor in series with the collector lead of Q3003. The temperature sense thermistor for V/U is TH3001 located on the circuit board by the SRF7043 output. Not very conducive to getting heatsink temperature.

# 12785. Re: [FT100] Blown V/U output transistor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 06:20:52 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12744  Message: 12785

I have found flux that was conductive during high humidity conditions. That was in a 1200 baud modem that cost more than the FT-100D and probably 15 years ago. When the boys in the weather office left the windows open on a near foggy night, these modems would not function (CMOS logic) the next day. After a couple annual trips to the factory (which Yaesu has copied for service charge rates), I found the excess flux, cleaned it off and the modems ran several more years without failure until their speed was supplanted by $90 2400 baud modems.

Flux around an RF circuit should not be a problem because the circuit impedances need to be low, even the bias circuit, especially the bias circuit.

The hot spotting and metal migration that Mike talks about is logical. The heat sink I was thinking about would need to intersect a lot of air to be effective and it would depend on the thermal conductivity of the base flange to move the heat from the die to the ends of the flange and then a copper heat sink on top the transistor might help. It might be of benefit to lift the transistor from its existing heat sink and add a slab (say 1/8") of copper as a heat spreader to improve the conductivity along the length of the slab. This would not be practical if the gate and drain tabs were soldered directly to board traces or had chip or ulenco metal cased mica capacitors connected directly to them, except maybe when the transistor was being replaced. Then changing the length of leads would probably mess up UHF operation.

If the transistor fails while there is no bias (and shutting of the series bias regulator lets the voltage fall due to a low resistance from gate to ground), it can't be heat from that time period, and it can't be a parasitic oscillation, so the things Mike discusses seem likely. If that is the case, then it appears that all transistors in this application are doomed to fail. That is not good news.

As for losses, capacitors with lots of current do dissipate energy, as do transformers at VHF/UHF. Wires dissipate energy, poorly designed resonant circuits (unshielded and with conductors spaced significant distances from the ground plane) radiate energy.

73, Jerry, K0CQ
--
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# 12786. Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 03:54:56 UTC
From: hfolgering
Topic: 12744  Message: 12786

My observation has been that the PA board,just like the LPF board is
very poorly grounded on the component side.
The only place were the ground foil is connected to the aluminum frame
of the rig is at the left lower corner mounting hole (as seen from
underneath)and even there the screw head barely touches the copper on
the board since the copper does not even come close to the hole.
In this spot I have put a star washer under this screw,around the
other mounting holes I have scraped the laquer off and tinned the
copper groud foil in order to provide a good RF ground and I have
added a ground strap from the centre rib to the ground of coax
connector J3001.And of course done the fan mod.
Hope this wil keep things from blowing!!

73,VE5HFD,Herman

--- In FT100@y..., Lee Devlin <lee810@y...> wrote:
>
> --- "Dr. Gerald N. Johnson, electrical engineer"
> <geraldj@i...> wrote:
>
> > Though, is it the PA transistor or its bias circuit
> > that blows the
> > VHF/UHF PA? FETs aren't supposed to be subject to
> > thermal run away like
> > bipolar transistors...
>
> This is an important question. Many people seem to
> think that the fans being off during V/U receive is
> the cause of the problem, but I don't think this is
> the true. The temperature rise in the case is only
> about 30F with the fans off during receive. The
> output transistor is likely to be no warmer than the
> case in that condition. However, during transmit,
> that transistor is probably dissipating as much as 50%
> of the output power so that's when it gets really hot.
> Yet, most people who have experienced a failure of
> the output transistor have reported it occured during
> receive mode.
>
> Of course, after the failure, the transistor is
> shorted and draws many amps of current and this causes
> lots of heat so people think of the fans being off,
> the case being hot, and the output blown as all being
> related in a kind of chain reaction. I contend that
> the blown transistor is the cause of the heat, not the

> effect of it.
>
> It would be nice to find the root cause of the blown
> final because it doesn't seem to be related to heat
> buildup in the case. Also, it also seems that people
> have only reported the V/U transistor being blown, not
> the HF transistor. Since the SWR problem is primarily
> related to the HF portion of the rig, that doesn't
> seem to correlate with a blown V/U output transistor
> either.
>
> Anyone familiar with FET output final failure modes
> care to jump in and offer any wisdom?
>
>
> =====
> 73,
>
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# 12787. RE: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 02:54:13 UTC
From: agzol@tm.net.my
Topic: 12759  Message: 12787

Hi Mike, The same goes to my FT100, and it is still resting in my shack doing nothing. I am sure there is somebody out there who can design or fabricate something to solve this problem. There are simple components in the market which can be used to achieve the 50W output for the final. I am sure there are people who is willing to pay for this kind of initiative. I am sure I'll be the first to buy. Thanks > ** Original Subject: RE: [FT100] My FT 100 died! > ** Original Sender: Mike May > ** Original Date: Fri, 08 Mar 2002 09:46:59 +0800 (SGT) > ** Original Message follows... > > > > > > Is this in VHF/UHF tx or on hf that it will not tx ? If is in vhf/uhf
> tx then it sounds like the gate punch thru problem where the v/u final
> is shorted drains to gates, it most likely will be drawing about 10 to
> 12 amps while in receive if this is the case. It seems that the device
> is overbiased, I have measured 9 volts Vgs on the V/U final which is at
> the maximum range for that device at 25 C, above 25 C and the Vgs should
> be operated closer to 6 to 7 volts. Unfortunately the bias pot
> arrangement on the V/U final has a limited control range of 8.7 to 9.0
> volts. Which means even if you replace the final it has a good chance of
> dying again.
>
>
> Mike
> WB8VLC/7
>
> Trm Martens wrote:
>
> > Hello group, This morning I turned on the FT-100 and went off to have
> > breakfast. After about half an hour I smelled something chemical
> > burning. I traced it to the shack, where the FT-100's fan was on low
> > speed. The radio was not transmitting and the case was very hot. I
> > turned the radio off and allowed it to cool. When I tried to transmit
> > after that, it did not work at all. Any ideas? Tom VE6TRM
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>
>
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# 12788. Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 17:14:44 UTC
From: backhoefade
Topic: 12744  Message: 12788

So what do you suggest as a remedy to improve life time? Reduce bias somewhat? Then you have a linearity issue, at least with SSB and AM, correct? Maybe best to just leave it alone. Is it possible that running at, say, half the max power output rating would help matters? Run about 25 Watts on 2 meters and 10 Watts on 440 MHz? What do you think? Thanks.
Chas N6AF

-- In FT100@y..., Mike May <mike.may@w...> wrote:
> Most of the TMOS fet problems were caused by metal migration from
> excessive die hotspotting which could be caused by poor
heatsinking and
> or operating at higher bias settings along with bias shif problems.
In a
> lot of the TMOS fets a Vgs shift of up to 30% was not unusual even
after
> short periods of operation especially at higher bias settings like
the
> Ft100 V/U final uses. The shift would result in the Drain idle
current
> increasing in a direct proportion to the Vgs drift. This was a
common
> problem in the Motorola and other MFG. TMOS and earlier type of RF
power
> FETs. This would lead to poor VSWR immunity, gate punch thru at
turn on
> when even small voltage spikes could appear on the drain. It's
> probably a combination of degredation over time along with voltage
> spikes that under normal conditions wouldn't hurt the device.
>
>
> Mike
>
>
> Lee Devlin wrote:
>
> >
> > --- "Dr. Gerald N. Johnson, electrical engineer"
> > <geraldj@i...> wrote:
> >
> > > Though, is it the PA transistor or its bias circuit
> > > that blows the
> > > VHF/UHF PA? FETs aren't supposed to be subject to
> > > thermal run away like
> > > bipolar transistors...

> >
> > This is an important question. Many people seem to
> > think that the fans being off during V/U receive is
> > the cause of the problem, but I don't think this is
> > the true. The temperature rise in the case is only
> > about 30F with the fans off during receive. The
> > output transistor is likely to be no warmer than the
> > case in that condition. However, during transmit,
> > that transistor is probably dissipating as much as 50%
> > of the output power so that's when it gets really hot.
> > Yet, most people who have experienced a failure of
> > the output transistor have reported it occured during
> > receive mode.
> >
> > Of course, after the failure, the transistor is
> > shorted and draws many amps of current and this causes
> > lots of heat so people think of the fans being off,
> > the case being hot, and the output blown as all being
> > related in a kind of chain reaction. I contend that
> > the blown transistor is the cause of the heat, not the
> > effect of it.
> >
> > It would be nice to find the root cause of the blown
> > final because it doesn't seem to be related to heat
> > buildup in the case. Also, it also seems that people
> > have only reported the V/U transistor being blown, not
> > the HF transistor. Since the SWR problem is primarily
> > related to the HF portion of the rig, that doesn't
> > seem to correlate with a blown V/U output transistor
> > either.
> >
> > Anyone familiar with FET output final failure modes
> > care to jump in and offer any wisdom?
> >
> >
> > =====
> > 73,
> >
> > Lee Devlin, K0LEE
> > Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
> >
> > _____
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> [Non-text portions of this message have been removed]

# 12789. Re: Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 20:53:58 UTC
From: k5unm
Topic: 12744  Message: 12789

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> So what do you suggest as a remedy to improve life time? Reduce bias
> somewhat? Then you have a linearity issue, at least with SSB and AM,
> correct? Maybe best to just leave it alone. Is it possible that
> running at, say, half the max power output rating would help matters?
> Run about 25 Watts on 2 meters and 10 Watts on 440 MHz? What do you
> think? Thanks.
> Chas N6AF

What I have done, in my case, is reduce the power output to roughly 70% of maximum on both VHF and UHF. Also reduced power to 85% on 6M and HF. At least I can cut the heat load/generation a bit during transmit.

# 12790. FT-100D - menu access ques.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 20:27:20 UTC
From: Chuck Mills
Topic: 12790  Message: 12790

Hi all....I'm hoping that this isn't an incredibly stupid or hashed over issue but here it is. I have a new FT-100D (Jan 02). I seem to have locked myself into something that even a CPU reset didn't seem to fix. To access the menu subsystem, you should hit the function key and hold for 1/2 sec. Then rotate the large dial knob to select which function you wish to alter. I believe that you then hit the function key again to get to the actual setting. When I do this, I am immediately put into the setting for whatever was selected by the last Function button (i.e. Func - TON) will send me into that menu function and all rotating the large tuning knob will let me select which PL to use. I cannot seem to get into a mode where I can select other menu items (i.e. VHF TX Power). Anyone have this happen?

Thanks,
Chuck / W3YNI

# 12791. RE: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-08 15:12:00 UTC
From: Paul Manuel
Topic: 12759  Message: 12791

--- agzol@... wrote:
> Hi Mike,
>
> The same goes to my FT100, and it is still resting in my shack doing
> nothing.

I apologize if this has been answered before---but has anyone suffered a VHF/UHF final failure who has NEVER used his FT-100 mobile? I know many people are using the rig strictly on a home power supply. Have any of those radios ended up with fried finals?

73,
Paul K4PDM

_____
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# 12792. Re: [FT100] FT-100D - menu access ques.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 00:33:21 UTC
From: Einar Carlsen
Topic: 12790  Message: 12792

Chuck
I think you misread the instructions a little.

Press and hold the Function Button for ½ Second and then release it. Rotate the SELECT knob to select or view the menu items (1 through 66) you wish to change or observe, or whatever you wish. You rotate the TUNE knob to make the changes, (more power or less power etc.) When you are done or satisfied, press and hold the Function Button for ½ second and then release it. You will then be returned to the frequency and mode you were using before this, but any changes you have made will be done but only them. If the changes you wanted to effect don't affect the band you were tuned to before you went to the menu functions you wont see the change until you are operating in the mode or band the changes were modified for.

Hope this helps, I am not too good at describing this but hope you get the idea.

Einar VE7BAQ (FT-100D)

----- Original Message -----
From: Chuck Mills
To: FT100@yahoogroups.com
Sent: Friday, March 08, 2002 12:27 PM
Subject: [FT100] FT-100D - menu access ques.

Hi all....I'm hoping that this isn't an incredibly stupid or hashed over issue but here it is. I have a new FT-100D (Jan 02). I seem to have locked myself into something that even a CPU reset didn't seem to fix. To access the menu subsystem, you should hit the function key and hold for 1/2 sec. Then rotate the large dial knob to select which function you wish to alter. I believe that you then hit the function key again to get to the actual setting. When I do this, I am immediately put into the setting for whatever was selected by the last Function button (i.e. Func - TON) will send me into that menu function and all rotating the large tuning knob will let me select which PL to use. I cannot seem to get into a mode where I can select other menu items (i.e. VHF TX Power). Anyone have this happen?

Thanks,
Chuck / W3YNI

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[Non-text portions of this message have been removed]

# 12793. Re: FT-100D - menu access ques.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 01:10:29 UTC
From: kg4fet
Topic: 12790  Message: 12793

--- In FT100@y..., Chuck Mills <millscl@p...> wrote:
> Hi all....I'm hoping that this isn't an incredibly stupid or hashed over
> issue but here it is. I have a new FT-100D (Jan 02). I seem to have
> locked myself into something that even a CPU reset didn't seem to fix.
> To access the menu subsystem, you should hit the function key and hold
> for 1/2 sec. Then rotate the large dial knob to select which function
> you wish to alter.

No the SELECT Knob (lower left knob on the face) That canges the menu functions and the MAIN Knob (VFO) that changes the settings of each functions. ALSO mak sure that the lock button has not been pushed prior to adjusting the MAIN dial. If it has the settings will not change until it is pushed again.
73 and I hope this clears it all up for you,
DE KG4FET Sandor

>

# 12794. Re: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 02:11:33 UTC
From: Stephanie Steele
Topic: 12759  Message: 12794

Yes, my VHF/UHF finals fried in base station use on a regulated power supply on a brand new radio that had never been mobile. In fact, the VHF/UHF side had never been used and they fried the first time I keyed up the UHF side. Go figure. Glad mine was still under warranty by 2 weeks.

Stephanie KC7DBA

Paul Manuel wrote:

> 
> --- agzol@... wrote:
> > Hi Mike,
> >
> > The same goes to my FT100, and it is still resting in my shack doing
> 
> > nothing.
> 
> I apologize if this has been answered before---but has anyone suffered
> a
> VHF/UHF final failure who has NEVER used his FT-100 mobile? I know
> many
> people are using the rig strictly on a home power supply. Have any of
> those radios ended up with fried finals?
> 
> 73,
> Paul K4PDM
> 
> _____
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> 
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> 
> We are all a part of this Lets make it as good as possible.
> 
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--
Stephanie

**********

"They that can give up essential liberty to obtain a little temporary
safety deserve neither liberty nor safety."

Benjamin Franklin (1706-1790), Letter to Josiah Quincy, Sept. 11, 1773.

"Those who desire to give up freedom in order to gain security will not
have, nor do they deserve, either one."

President Thomas Jefferson.
1743-1826

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# 12795. Re: [FT100] FT-100D - menu access ques.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 00:18:32 UTC
From: The Simpsons
Topic: 12790  Message: 12795

The large (MAIN DIAL) tuning knob adjusts the setting you have selected. To get to the other menu items, use the SELECT knob (bottom left of front panel). See page 82 of the manual. It's always easy once you figure it out!! Good luck and enjoy the new radio.

Grant,
ZL2BK.

----- Original Message -----
From: "Chuck Mills" <millscl@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, March 09, 2002 9:27 AM
Subject: [FT100] FT-100D - menu access ques.

> Hi all....I'm hoping that this isn't an incredibly stupid or hashed over
> issue but here it is. I have a new FT-100D (Jan 02). I seem to have
> locked myself into something that even a CPU reset didn't seem to fix.
> To access the menu subsystem, you should hit the function key and hold
> for 1/2 sec. Then rotate the large dial knob to select which function
> you wish to alter. I believe that you then hit the function key again
> to get to the actual setting. When I do this, I am immediately put into
> the setting for whatever was selected by the last Function button (i.e.
> Func - TON) will send me into that menu function and all rotating the
> large tuning knob will let me select which PL to use. I cannot seem to
> get into a mode where I can select other menu items (i.e. VHF TX
> Power). Anyone have this happen?
>
>
> Thanks,
> Chuck / W3YNI

# 12796. No Power meter on UHF transmit

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 03:25:36 UTC
From: maxjam_99
Topic: 12796  Message: 12796

I noticed to day that when I am transmitting on UHF the front display doesn't show any TX power. I measured it with my meter and found that it is indeed transmitting 35W and reflected is under 1.5:1. All bands are functioning properly and display the proper power out on TX. Only UHF doesn't but yet otherwise is functioning properly. Any ideas?

Thanks.

Sean / N0PBA

# 12797. Re: FT-100D - menu access ques.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 03:04:38 UTC
From: upchuck2000
Topic: 12790  Message: 12797

Well...i suppose a slice of humble pie is in order. Been a
bad week. This was my second brain seizure of the week
where i did somethig stupid but I'm keeping the other one a
secret...thanks.
Thanks to all who replied.....73.

Chuck / W3YNI
--- In FT100@y..., "The Simpsons" <grant@s...> wrote:
> The large (MAIN DIAL) tuning knob adjusts the setting you
have selected. To
> get to the other menu items, use the SELECT knob (bottom
left of front
> panel). See page 82 of the manual. It's always easy once
you figure it out!!
> Good luck and enjoy the new radio.
>
> Grant,
> ZL2BK.
>
> ----- Original Message -----
> From: "Chuck Mills" <millscl@p...>
> To: <FT100@y...>
> Sent: Saturday, March 09, 2002 9:27 AM
> Subject: [FT100] FT-100D - menu access ques.
>
>
> > Hi all....I'm hoping that this isn't an incredibly
stupid or hashed over
> > issue but here it is. I have a new FT-100D (Jan 02). I
seem to have
> > locked myself into something that even a CPU reset
didn't seem to fix.
> > To access the menu subsystem, you should hit the
function key and hold
> > for 1/2 sec. Then rotate the large dial knob to select
which function
> > you wish to alter. I believe that you then hit the
function key again
> > to get to the actual setting. When I do this, I am
immediately put into
> > the setting for whatever was selected by the last
Function button (i.e.
> > Func - TON) will send me into that menu function and all
rotating the
> > large tuning knob will let me select which PL to use. I

cannot seem to
> > get into a mode where I can select other menu items
(i.e. VHF TX
> > Power). Anyone have this happen?
> >
> >
> > Thanks,
> > Chuck / W3YNI

# 12798. RE: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 07:42:45 UTC
From: agzol@tm.net.my
Topic: 12759  Message: 12798

Hi there, My rig was operated from the shack all the time, and a friend of mine was using the rig on mobile since the day it was purchased, and both rigs had the VHF/UHF finals fried. 73s > ** Original Subject: RE: [FT100] My FT 100 died! > ** Original Sender: Paul Manuel > ** Original Date: Sat, 09 Mar 2002 07:49:52 +0800 (SGT) > ** Original Message follows... > > > > > >
> --- agzol@... wrote:
> > Hi Mike,
> >
> > The same goes to my FT100, and it is still resting in my shack doing
> > nothing.
>
> I apologize if this has been answered before---but has anyone suffered a
> VHF/UHF final failure who has NEVER used his FT-100 mobile? I know many
> people are using the rig strictly on a home power supply. Have any of
> those radios ended up with fried finals?
>
> 73,
> Paul K4PDM
>
> _____
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# 12799. Re: My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 12:49:59 UTC
From: n9cv
Topic: 12759  Message: 12799

Ths post has me worried. I have never had my FT-100 on UHF/VHF. I do not even have an antenna connected to the U/V connector. Looks like I need to hook up an antenna and try it a few times before my warrantee runs out.

Ken - N9CV

--- In FT100@y..., Stephanie Steele <stephanie@k...> wrote:
> Yes, my VHF/UHF finals fried in base station use on a regulated power
> supply on a brand new radio that had never been mobile. In fact, the
> VHF/UHF side had never been used and they fried the first time I keyed
> up the UHF side. Go figure. Glad mine was still under warranty by 2
> weeks.
>
> Stephanie KC7DBA
>
>
>
> Paul Manuel wrote:
>
> >
> > --- agzol@t... wrote:
> > > Hi Mike,
> > >
> > > The same goes to my FT100, and it is still resting in my shack doing
> >
> > > nothing.
> >
> > I apologize if this has been answered before---but has anyone suffered
> > a
> > VHF/UHF final failure who has NEVER used his FT-100 mobile? I know
> > many
> > people are using the rig strictly on a home power supply. Have any of
> > those radios ended up with fried finals?
> >
> > 73,
> > Paul K4PDM
> >
> > _____
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> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
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>
> --
> Stephanie
>
> ******************************
>
> "They that can give up essential liberty to obtain a little
temporary
> safety deserve neither liberty nor safety."
>
> Benjamin Franklin (1706-1790), Letter to Josiah Quincy, Sept. 11,
1773.
>
> "Those who desire to give up freedom in order to gain security will
not
> have, nor do they deserve, either one."
>
> President Thomas Jefferson.
> 1743-1826
>
> ******************************
>
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# 12800. Still frustrated, but had a good surprise along the way.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 16:11:42 UTC
From: P. J. Kerrigan
Topic: 12800  Message: 12800

It seemed like the radio, which was freshly back from Cerritos, had low (60% indicated) output power at HF & 6m. Tested this with a dummy load in the car.
I e-mailed Yaesu USA about this, and much to my surprise, got a call from a real live person, who looked up and read me off my alignment report.
One of those "worked fine on the bench" things. He did offer to fax over the power output alignment procedure from the service manual.
I figured I better do some first-things-first before opening & tweaking the radio - tightening up the power & grounding.

I ordered an OEM FT-100 connector from PowerWerx.com, removed the Yaesu supplied power cable & fuses, put the connector on
the #10 cable back to the battery. I put in some test points for attaching a voltmeter to test under load. Car puts out 13.4 volts when running, so that part is fine.

Strapped everything down with 1" copper tape instead of copper braid from RG-8.
I'd like to try checking the impedances of the grounding connections at 29 & 50 Mhz if I can get my hands on an RF impedance bridge and signal generator.
Looking for suggestions from people here if this is productive, and some ideas on procedure if somebody's actually done it.

It's not all bad - I was able to get good 6m SWR & signal reports (albeit at 30W) on FM & SSB with a Hamstick (tuned a bit). Just have to pick what half of 6m I want to work.
Same with a 10m hamstick.
Just looking for the holy grail of having the ATAS-100 work on all the frequencies it's supposed to.

Thanks to Richy, Ian Moth, John McClain, Sandor and backhoefade for the suggestions so far. Looking forward to possibly hearing you on the air once this is all done.

Peter

# 12801. Re: [FT100] My FT 100 died!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 17:00:44 UTC
From: Clay Melhorn
Topic: 12759  Message: 12801

Hello All, I'd like to suggest to the group when making comments like this that it might help to include information such as FT-100, FT-100D, date code of rig mfg example 9k, 0d, 1h, etc. This might help track trends in particular mfg runs or perhaps all rigs in production. "Mine too" is an awfully wide target grouping to study statistically. Also might help limit anxiety levels... 73' Clay N9IO agzol@... wrote: > Hi there, > > My rig was operated from the shack all the time, and > a friend of mine was using the rig on mobile since the > day it was purchased, and both rigs had the VHF/UHF > finals fried. > > 73s > > > ** Original Subject: RE: [FT100] My FT 100 died! > > ** Original Sender: Paul Manuel > > ** Original Date: Sat, 09 Mar 2002 07:49:52 +0800 (SGT) > > > ** Original Message follows... > > >

subject to http://docs.yahoo.com/info/terms/

# 12802. FT-100 FT-100D indentity

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 20:40:39 UTC
From: ve7baq
Topic: 12802  Message: 12802

Clay, N9IO wrote Hello All,
I'd like to suggest to the group when making comments like this that it might help to include information such as FT-100, FT-100D, date code of rig mfg example 9k, 0d, 1h, etc. This might help track trends in particular mfg runs or perhaps all rigs in production. "Mine too" is an awfully wide target grouping to study statistically.
Also might help limit anxiety levels...

I also think that it might also help if rig owners mentioned if it is an FT-100 or an FT-100D. This will narrow the field of speculation to readers, you know like "Mine is a FT-100," or, "Mine is a FT-100D." Seems like everyone just says FT-100. Just a thought.
Einar VE7BAQ FT-100D 9K-----

# 12803. FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 22:13:25 UTC
From: Luiz Carlos F. Silva
Topic: 12803  Message: 12803

Hello all.
I have a problem in my FT100 . The RX is normal , but it don't turn rx to tx.
When i press the ptt , nothing change and continuous in the rx.
I don't have a service manual and diagram schematics.
Anybody help me ?
Thanks.
Luiz - PY4BYE
luiz_bye@...
luiz-bye@...

_____
Chegou o novo MSN Explorer. Instale j?. ? gratuito:
http://explorer.msn.com.br

# 12804. Re: [FT100] FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 23:40:57 UTC
From: John McClain
Topic: 12803  Message: 12804

If you are listening to a station when the PTT is pressed, can you still here the conversation even with the PTT still pressed?

John
K7SVV@...
----- Original Message -----
From: Luiz Carlos F. Silva
To: ft100@yahoogroups.com
Sent: Saturday, March 09, 2002 3:13 PM
Subject: [FT100] FT100 rx/tx

Hello all.
I have a problem in my FT100 . The RX is normal , but it don't turn rx to tx.
When i press the ptt , nothing change and continuous in the rx.
I don't have a service manual and diagram schematics.
Anybody help me ?
Thanks.
Luiz - PY4BYE
luiz_bye@...m
luiz-bye@...

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# 12805. FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 04:11:41 UTC
From: valveman_6146
Topic: 12805  Message: 12805

I new to the the group and am contemplating on buying an FT-100D or IC-706MkIIG. Leaning more toward the FT-100D. I would like to hear people's opinion on the two so I can make a intellegent decision. Pros and cons. Your experience.

Thanks in advance
Robert
VE3RPF

# 12806. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 03:22:55 UTC
From: Nesbitt
Topic: 12744  Message: 12806

Mike,

Can you send me the steps you followed when installing a 3rd fan? Also interested in the instructions for the SWR mod.

Rich Nesbitt - N9MO
nesbitt@...

----- Original Message -----
From: Mike May
To: FT100@yahoogroups.com
Sent: Wednesday, March 06, 2002 4:49 PM
Subject: Re: [FT100] Heatsink on VHF/HF final?

A much better method is to cut a hole the same size of one of the rear fans in the case directly above the V/U final and move a rear fan to that location, or even add a 3rd fan with the added one above the V/U final to pull fresh air in while the 2 rear fans are pulling hot air out. I did the first method after replacing my V/U finals and so far it works great when my fans turn on now in V/U receive they are not on as long as with the stock fan configuration.

Mike
WB8VLC/7
w1pa wrote:

> There are two mounting screws on either side of the VHF/UHF final.
> Can anyone think of a creative way to mount a heatsink (e.g. TO-220
> [?]) using those screws? Or is something that small just too little
> thermal mass?
>
> Bill
> W1PA
>
>
>
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# 12807. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 07:41:03 UTC
From: pa9jj@amsat.org
Topic: 12744  Message: 12807

What about reversing the airflow direction of 1 fan?

Op 9 Mar 2002 om 22:22, Nesbitt schreef:

> Mike,
>
> Can you send me the steps you followed when installing a 3rd fan? Also interested in the instructions for the SWR mod.
>
> Rich Nesbitt - N9MO
> nesbitt@...
>
> ----- Original Message -----
> From: Mike May
> To: FT100@yahoogroups.com
> Sent: Wednesday, March 06, 2002 4:49 PM
> Subject: Re: [FT100] Heatsink on VHF/HF final?
>
>
> A much better method is to cut a hole the same size of one of the rear
> fans in the case directly above the V/U final and move a rear fan to
> that location, or even add a 3rd fan with the added one above the V/U
> final to pull fresh air in while the 2 rear fans are pulling hot air
> out. I did the first method after replacing my V/U finals and so far it
> works great when my fans turn on now in V/U receive they are not on as
> long as with the stock fan configuration.
>
>
> Mike
> WB8VLC/7
> w1pa wrote:
>
> > There are two mounting screws on either side of the VHF/UHF final.
> > Can anyone think of a creative way to mount a heatsink (e.g. TO-220
> > [?]) using those screws? Or is something that small just too little
> > thermal mass?
> >
> > Bill
> > W1PA
> >
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Met vriendelijke groeten,

jan-en-jan@...
Best 73's
Jan PA9JJ
pa9jj@...

---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12808. Fan

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 07:42:43 UTC
From: pa9jj@amsat.org
Topic: 12744  Message: 12808

What about reversing the airflow direction of 1 fan?

Best 73's
Jan PA9JJ
pa9jj@...

---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12809. Separation kit anbody?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 21:37:50 UTC
From: adrian_d_uk
Topic: 12809  Message: 12809

Hi,

Does anyone have a separation kit they no longer require and are willing to part with. Name your price posted to the U.K.

73

Adrian GM0SRD

# 12810. Re: [FT100] FT-100 FT-100D indentity

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-09 21:17:37 UTC
From: Bobby
Topic: 12802  Message: 12810

Thanks for the comment. It does seem that FT100 is
used to indentity both. That leaves a big question
sometimes.

73's DE W4BLB

--- ve7baq <carls@...> wrote:
> Clay, N9IO wrote Hello All,
> I'd like to suggest to the group when making
> comments like this that
> it might help to include information such as FT-100,
> FT-100D, date
> code of rig mfg example 9k, 0d, 1h, etc. This might
> help track
> trends in particular mfg runs or perhaps all rigs in
>
> production. "Mine too" is an awfully wide target
> grouping to study
> statistically.
> Also might help limit anxiety levels...
>
> I also think that it might also help if rig owners
> mentioned if it is
> an FT-100 or an FT-100D. This will narrow the field
> of speculation
> to readers, you know like "Mine is a FT-100," or,
> "Mine is a FT-
> 100D." Seems like everyone just says FT-100. Just
> a thought.
> Einar VE7BAQ FT-100D 9K-----
>
>
>
>

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# 12811. Re: [FT100] FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 13:36:49 UTC
From: Bobby
Topic: 12805  Message: 12811

Robert I have both radios and like them. The auto
tune feature in the FT100D used with the Atas-100
antenna works great on all bands from 40m-6m. Great
for mobile use.
73's de w4blb

--- valveman_6146 <valveman_6146@...> wrote:
> I new to the the group and am contemplating on
> buying an FT-100D or
> IC-706MkIIG. Leaning more toward the FT-100D. I
> would like to hear
> people's opinion on the two so I can make a
> intellegent decision.
> Pros and cons. Your experience.
>
> Thanks in advance
> Robert
> VE3RPF
>
>

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# 12812. Re: [FT100] FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 13:40:35 UTC
From: Luiz Carlos F. Silva
Topic: 12803  Message: 12812

Hi John .
Still with the ptt pressed i am listening normally.
No turn rx to tx .
I think that the problem is in the stage turning rx/tx.
i'm sorry for my english .
73.
Luiz - PY4BYE

>From: "John McClain" <digi2@...>
>Reply-To: FT100@yahoogroups.com
>To: <FT100@yahoogroups.com>
>Subject: Re: [FT100] FT100 rx/tx
>Date: Sat, 9 Mar 2002 16:40:57 -0700
>
>If you are listening to a station when the PTT is pressed, can you still
>here the conversation even with the PTT still pressed?
>
>John
>K7SVV@...
> ----- Original Message -----
> From: Luiz Carlos F. Silva
> To: ft100@yahoogroups.com
> Sent: Saturday, March 09, 2002 3:13 PM
> Subject: [FT100] FT100 rx/tx
>
>
>
> Hello all.
> I have a problem in my FT100 . The RX is normal , but it don't turn rx
>to
> tx.
> When i press the ptt , nothing change and continuous in the rx.
> I don't have a service manual and diagram schematics.
> Anybody help me ?
> Thanks.
> Luiz - PY4BYE
> luiz_bye@...
> luiz-bye@...
>
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# 12813. Explorer Sport Trac 2002

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 14:06:25 UTC
From: wb5zam
Topic: 12813  Message: 12813

I have seen mounting suggestions for the antennas for the older Explorers, but here is a new problem. The new Sport Trac has a ruber bed, with a few screw down points actually tied into the bed. Without putting a mast or plate up from the frame, between the cab and bed of the SUV, does anyone have any ideas on antenna mounts? I have a Tonneau cover on mine, and am tempted to create a ground plane with a grid under the lid, and a mount thru the center of the lid, but really hate to drill holes anywhere visible (I did that with prior autos and the trade-in dealers were rather miffed at the patched or plugged holes).
Just found this site and lots of good info. Thanks for everyones info and time to answer all the rest of the stuff on the rig and the antenna installations.
Bill
WB5ZAM

# 12814. Re: [FT100] FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 13:37:56 UTC
From: signup
Topic: 12805  Message: 12814

While the radios are comparable, there is no comparison .. the IC-706MkIIG is a superior radio.

1. The 100-series have had more production problems than the 706-series,
2. The 706 menus are easier to navigate,
3. The 706 is rated 100% duty cycle, the 100 is rated at 50% duty cycle,
4. You get superior tech support by phone and email from ICOM than you do Yaesu,
5. If you shop around you can get the Icom for less than Yaesu.

I own both ... the FT-100 is a paper weight since the finals went out using it mobile on their ATAS-100. They wanted $ 550.00 to replace the final PA with a 30-day warranty. That is when I bought the Icom for $ 250 more with a 1-year warranty. Except for the auto-tune feature of the Yaesu on the ATAS, I haven't missed and have enjoyed the Icom a lot more.

/lee - k1nt ex: kr5f
Have we Qso'd - Find out at www.kr5f.com

----- Original Message -----
From: valveman_6146
To: FT100@yahoogroups.com
Sent: March 10, 2002 04:11
Subject: [FT100] FT-100D vs IC-706MkIIG

I new to the the group and am contemplating on buying an FT-100D or
IC-706MkIIG. Leaning more toward the FT-100D. I would like to hear
people's opinion on the two so I can make a intellegent decision.
Pros and cons. Your experience.

Thanks in advance
Robert
VE3RPF

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# 12815. EU1, EU2....?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 16:44:25 UTC
From: sm3fxl
Topic: 12815  Message: 12815

What is the right mode for me in Sweden, EU1, EU2, EU3 etc...?
73´s
SM3FXL
/Gunnar

# 12816. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 19:09:39 UTC
From: Lee Boulineau
Topic: 12744  Message: 12816

Better yet, post a file for the whole group!!!

73 de N4MVL

Lee

--- Nesbitt <nesbitt@...> wrote:
> Mike,
>
> Can you send me the steps you followed when
> installing a 3rd fan? Also interested in the
> instructions for the SWR mod.
>
> Rich Nesbitt - N9MO
> nesbitt@...
>
> ----- Original Message -----
> From: Mike May
> To: FT100@yahoogroups.com
> Sent: Wednesday, March 06, 2002 4:49 PM
> Subject: Re: [FT100] Heatsink on VHF/HF final?
>
>
> A much better method is to cut a hole the same
> size of one of the rear
> fans in the case directly above the V/U final and
> move a rear fan to
> that location, or even add a 3rd fan with the
> added one above the V/U
> final to pull fresh air in while the 2 rear fans
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> out. I did the first method after replacing my
> V/U finals and so far it
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> long as with the stock fan configuration.
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>
> Mike
> WB8VLC/7
> w1pa wrote:
>
> > There are two mounting screws on either side of
> the VHF/UHF final.
> > Can anyone think of a creative way to mount a
> heatsink (e.g. TO-220

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> >
> > Bill
> > W1PA
> >
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# 12817. Re: FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 19:19:51 UTC
From: backhoefade
Topic: 12805  Message: 12817

See post 12769.

--- In FT100@y..., "valveman_6146" <valveman_6146@y...> wrote:
> I new to the the group and am contemplating on buying an FT-100D or
> IC-706MkIIG. Leaning more toward the FT-100D. I would like to
hear
> people's opinion on the two so I can make a intellegent decision.
> Pros and cons. Your experience.
>
> Thanks in advance
> Robert
> VE3RPF

# 12818. FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 21:02:03 UTC
From: n8uvq@juno.com
Topic: 12818  Message: 12818

Looks like my FT-100 needs to return home to Cerritos. On ten meters through a tuner into a dummy load the high SWR icon appears. I can not adjust the SWR via the tuner, even when the power setting is on 5 (~5 watts).
The tuner and associated cables test good with a VOM. If I switch to an older Kenwood rig or a friend's FT-817 and keep everything else the same, I can adjust the SWR. Doesn't look like my tuner or cable is the problem.
Never attempted adjusting with an antenna connected.

Signal strength of a local 2 meter repeater (~4 miles away) & NWS decrease as
the rig heats up. Yes, the fans do not run. Usually I use the rig for HF, but I
feel this also needs addressed by Yaesu.

Fortunately, it's under warranty. My FT-100 was purchased in June 2001. Its
serial number is 9J100xxx. What is the average turn around time for warranty
repairs? Has anyone some pointers to possibly accelerate the process? Should
I ask them to do all the mods and updates? Or do they do the mods & updates without
asking?

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

---
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http://dl.www.juno.com/get/web/.

# 12819. Re: [FT100] FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 21:37:48 UTC
From: K4IA@arrl.net
Topic: 12818  Message: 12819

Your "2001" rig was actually made in August of 99 according to the serial number. Radio K4IA Craig Buck Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 12820. Re: [FT100] FT-100 FT-100D indentity

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 22:13:05 UTC
From: Pres Waterman
Topic: 12802  Message: 12820

> 
> I also think that it might also help if rig owners mentioned if it is
> an FT-100 or an FT-100D. This will narrow the field of speculation
> to readers, you know like "Mine is a FT-100," or, "Mine is a FT-
> 100D." Seems like everyone just says FT-100. Just a thought.

FT-100D is just an option package. There are no engineering differences except a larger speaker and a few options installed. So the "Mine's a D" distinction is really rather meaningless

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12821. Re: [FT100] Re: FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 23:48:19 UTC
From: robert parker
Topic: 12805  Message: 12821

Thankyou Chas
Interesting reading. Can these essential mods be done
by the user?

Great Group!

Thanks again,
Robert
VE3RPF

--- backhoefade <cgarner@...> wrote:
> See post 12769.
>
>
> --- In FT100@y..., "valveman_6146"
> <valveman_6146@y...> wrote:
> > I new to the the group and am contemplating on
> buying an FT-100D or
> > IC-706MkIIG. Leaning more toward the FT-100D. I
> would like to
> hear
> > people's opinion on the two so I can make a
> intellegent decision.
> > Pros and cons. Your experience.
> >
> > Thanks in advance
> > Robert
> > VE3RPF
>
>

_____
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# 12822. CT 39 Packet cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 00:31:55 UTC
From: zl3tpl
Topic: 12822  Message: 12822

I notice that on of the connections for this cable is called squelch status.

I assume it is either high or low when the squelch is open??

If it pulls low, what sort of a load can it sink, it it pulls high what level does it go to ???

Thanks
Andy

# 12823. Re: FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 04:34:19 UTC
From: backhoefade
Topic: 12805  Message: 12823

The spurious oscillation mod is a bit tricky to do yourself so I would recommend sending it to the Cerritos repair center. If you mess it up you will void your warranty. But if you want to try to do it yourself a couple people have posted detailed info on it here. Plus there are some good photos showing the mod in the photo gallery.

The fan mod is also probably best done by Yaesu. They install a temperature sensitive switch on the final amps (VHF/UHF) so the fans will turn on during long receive sessions. The alternative approach is to install a 68 ohm (approx.) resistor between one of the black fan wires and the chassis ground. That will keep the fan running at all times during receive. But again, I think if you somehow mess the rig up you will be hard pressed to get Yaesua to back their warranty.

The mic mod is the one mod that the user must do. Yaesu doesn't perform that mod but it's very worthwhile. It will make your transmit audio just super.

So you're faced with the basic dilemma that I summarized in my earlier message. I would suggest sending it into Yaesu but that's a pain because you will lose the rig for something like 8 weeks.

N6AF Chas

--- In FT100@y..., robert parker <valveman_6146@y...> wrote:
> Thankyou Chas
> Interesting reading. Can these essential mods be done
> by the user?
>
> Great Group!
>
> Thanks again,
> Robert
> VE3RPF
>
>
> --- backhoefade <cgarner@h...> wrote:
> > See post 12769.
> >
> >
> > --- In FT100@y..., "valveman_6146"
> > <valveman_6146@y...> wrote:
> > > I new to the the group and am contemplating on
> > buying an FT-100D or
> > > IC-706MkIIG. Leaning more toward the FT-100D. I
> > would like to

> > hear
> > > people's opinion on the two so I can make a
> > intellegent decision.
> > > Pros and cons. Your experience.
> > >
> > > Thanks in advance
> > > Robert
> > > VE3RPF
> >
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# 12824. Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 04:51:27 UTC
From: kc2gkl
Topic: 12824  Message: 12824

Greetings....

Seeing that this is a very active group and after taking time to go through many of the posts here I feel I must ask this question to satisfy my personal curiosity. "How many own an FT-100(D) and have never experienced a problem with it"? "Does such an animal really exist"?

I only ask this because it appears as if every other day or so there is a post about some type of problem, i.e. failing finals, SWR problems, poor TX audio, overheating, etc, etc. Minded, if an individual is going to drop a good chunk of change to own this rig, does it really make sense to have to crack open the covers on it and perform modifications just so the radio operates as it should of originally intended to? Personally, that seems very ridiculous.

The radio may indeed be a diamond in the rough as one poster exclaimed, however, for that amount of money, I think one would expect flawless performance from day one, or am I missing something here? Perhaps the number of problems are actually very small compared to the relatively large number of FT-100(D)s out there in the field?

Can someone please shed some light on this subject for me? Many thanks in advance for any insight which may help to ease my rattled nerves.....

73
Gary

# 12825. Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 06:07:33 UTC
From: argenjagd2002
Topic: 12824  Message: 12825

--- In FT100@y..., "kc2gkl" <kc2gkl@e...> wrote:
> Greetings....
>
> Seeing that this is a very active group and after taking time to go
> through many of the posts here I feel I must ask this question to
> satisfy my personal curiosity. "How many own an FT-100(D) and have
> never experienced a problem with it"? "Does such an animal really
> exist"?
>
> I only ask this because it appears as if every other day or so
there
> is a post about some type of problem, i.e. failing finals, SWR
> problems, poor TX audio, overheating, etc, etc. Minded, if an
Hi Gary;
I am one of those animals that haven't had a single problem with the
FT100D+ATAS100 having used it since two years in the mobile.
Also, according to the polls it is a very reliable rig according to
the user's oppinion.
good contacts,
Alberto, LU5DTX

individual is going to drop a good chunk of change to own this rig,
> does it really make sense to have to crack open the covers on it
and
> perform modifications just so the radio operates as it should of
> originally intended to? Personally, that seems very ridiculous.
>
> The radio may indeed be a diamond in the rough as one poster
> exclaimed, however, for that amount of money, I think one would
> expect flawless performance from day one, or am I missing something
> here? Perhaps the number of problems are actually very small
compared
> to the relatively large number of FT-100(D)s out there in the
field?
>
> Can someone please shed some light on this subject for me? Many
> thanks in advance for any insight which may help to ease my rattled
> nerves.....
>
> 73
> Gary

# 12826. Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 06:09:22 UTC
From: hydro274052001
Topic: 12824  Message: 12826

For me the choice was easy I did the mods before having any problems (for me thats fun) and when I compared it to the only other radio that really competes with it (706) the ft-100 wins hands down, this is only my oppinion and hopefully others too.I do have to admit yaseu's service on phone calls and everything else from reading this group could is worse than microsoft. The only radio I like better is my FT-817
Joe--- In FT100@y..., "kc2gkl" <kc2gkl@e...> wrote:
> Greetings....
>
> Seeing that this is a very active group and after taking time to go
> through many of the posts here I feel I must ask this question to
> satisfy my personal curiosity. "How many own an FT-100(D) and have
> never experienced a problem with it"? "Does such an animal really
> exist"?
>
> I only ask this because it appears as if every other day or so
there
> is a post about some type of problem, i.e. failing finals, SWR
> problems, poor TX audio, overheating, etc, etc. Minded, if an
> individual is going to drop a good chunk of change to own this rig,
> does it really make sense to have to crack open the covers on it
and
> perform modifications just so the radio operates as it should of
> originally intended to? Personally, that seems very ridiculous.
>
> The radio may indeed be a diamond in the rough as one poster
> exclaimed, however, for that amount of money, I think one would
> expect flawless performance from day one, or am I missing something
> here? Perhaps the number of problems are actually very small
compared
> to the relatively large number of FT-100(D)s out there in the
field?
>
> Can someone please shed some light on this subject for me? Many
> thanks in advance for any insight which may help to ease my rattled
> nerves.....
>
> 73
> Gary

# 12827. Re: FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 06:36:07 UTC
From: n9cv
Topic: 12805  Message: 12827

If you do not choose to send in your new radio to Yaesu until it fails, at least install the fan mod resistor.

It is a simple 10 minute install and could be removed later if you send the radio to Yeasu. Get a 39, 50, or 68 ohm resistor (your choice). Stick one end in the black fan wire plug. Ground the other end. The ground side on mine is connected under the cover screw. You are done.

TO REMOVE, simply remove the cover and pull the resistor out of the fan wire plug. The size of the resistor determines the fan speed. Higher value resistor equals slower speed.

I strongly suggest you send the radio to Yeasu for both mods.

Mine is a FT-100D (I forgot the serial numer) purchased in June 2001. It failed within 2 months of mobile operation. I sent it in to California for repair and a 3 month vacation. Yeasu installed the mods when they fixed the other problems. I understand their turn around time has improved since then.

I now love this unit as a mobile rig. I have done side by side conparisons with the Icom 706. The FT-100 beats it hands down on HF. I have no experiece with either radio on VHF/UHF.

Ken - N9CV

--- In FT100@y..., robert parker <valveman_6146@y...> wrote:
> Thankyou Chas
> Interesting reading. Can these essential mods be done
> by the user?
>
> Great Group!
>
> Thanks again,
> Robert
> VE3RPF
>
>
> --- backhoefade <cgarner@h...> wrote:
> > See post 12769.
> >
> >
> > --- In FT100@y..., "valveman_6146"
> > <valveman_6146@y...> wrote:
> > > I new to the the group and am contemplating on
> > buying an FT-100D or

> > > IC-706MkIIG. Leaning more toward the FT-100D. I
> > would like to
> > hear
> > > people's opinion on the two so I can make a
> > intellegent decision.
> > > Pros and cons. Your experience.
> > >
> > > Thanks in advance
> > > Robert
> > > VE3RPF
> >
> >
>
>
>

---

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# 12828. Re: Still frustrated, but had a good surprise along the way.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-10 20:32:34 UTC
From: ft100guy
Topic: 12800  Message: 12828

> 
> Thanks to Richy, Ian Moth, John McClain, Sandor and backhoefade for
the
> suggestions so far. Looking forward to possibly hearing you on the
air once
> this is all done.
> 
> Peter

Thanks for the kudos, anyway, they probably dropped the power on it as several have been reported to have lower output on return from Cerritos. I always ran mine less than 100 watts anyway. If you want to work me, give me a few days to mount the TSB2000 in my new car and I would be happy to.. :-) I couldnt resist getting one for the price and the fact that the rc2000 control head came with it. Running it in the shack as we speak... er... Type.. I am somewhat leary about the car I am putting it in. Its a new Honda Insight Hybrid and so far the manual says its ok to put a 2 way radio in it. I may run it at 50 watts to be safe as the car does have several computers in it and not much of a battery (12v) under the hood (looks like a golf cart battery) . The second caveat is that the car is all aluminum. No mag mounts for me!
I am looking underneath to find an acceptable place to mount a tongue for my atas and make up some wacky mount for my dual band antenna. Good Luck with the freshly returned radio.. Regards.. Richy N2ZD

# 12829. Re: FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 07:30:47 UTC
From: n9cv
Topic: 12803  Message: 12829

This sounds like a bad microphone or microphone cable. Do you have another microphone you can borrow to try?

I looked in the Yaesu FT-100D Operating manual. Page 4 has the pin outs for the microphone connector. Unfortunately I do not see the PTT line listed in the picture. PTT (Push To Talk) must be done digitally rather than grounding a lead. Maybe someone else can better explain because I am not sure how this works.

The picture on page 4 shows connector in the front of radio with the key at the bottom of the connector. The pins from left to right are listed as: SW1, MIC IN, Ground, +9v, N.C., and SW2.

I hope this helps. Do not worry about your English. It definately is better than my Portugese. I do not know a single Portugese word.

Ken - N9CV

--- In FT100@y..., "Luiz Carlos F. Silva" <luiz_bye@h...> wrote:
> Hi John .
> Still with the ptt pressed i am listening normally.
> No turn rx to tx .
> I think that the problem is in the stage turning rx/tx.
> i'm sorry for my english .
> 73.
> Luiz - PY4BYE

# 12830. RE: [FT100] Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 11:17:33 UTC
From: Eric van de Weyer
Topic: 12824  Message: 12830

I own one which has given me no problems so far but I have done the mods (myself) as a repcautionary measure. It is a 100D built about Sept 99.

73....Eric VK2KUR
-----Original Message-----
From: kc2gkl [mailto:kc2gkl@...]
Sent: Monday, 11 March 2002 3:51 PM
To: FT100@yahoogroups.com
Subject: [FT100] Curiosity ?

Greetings....

Seeing that this is a very active group and after taking time to go through many of the posts here I feel I must ask this question to satisfy my personal curiosity. "How many own an FT-100(D) and have never experienced a problem with it"? "Does such an animal really exist"?

I only ask this because it appears as if every other day or so there is a post about some type of problem, i.e. failing finals, SWR problems, poor TX audio, overheating, etc, etc. Minded, if an individual is going to drop a good chunk of change to own this rig, does it really make sense to have to crack open the covers on it and perform modifications just so the radio operates as it should of originally intended to? Personally, that seems very ridiculous.

The radio may indeed be a diamond in the rough as one poster exclaimed, however, for that amount of money, I think one would expect flawless performance from day one, or am I missing something here? Perhaps the number of problems are actually very small compared to the relatively large number of FT-100(D)s out there in the field?

Can someone please shed some light on this subject for me? Many thanks in advance for any insight which may help to ease my rattled nerves.....

73
Gary

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[Non-text portions of this message have been removed]

# 12831. RE: [FT100] Re: FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 11:51:30 UTC
From: Eric van de Weyer
Topic: 12803  Message: 12831

Hi Ken and others,

seeing that the PTT has been bought up, I will give a short description of how the PTT and other buttons on the microphone work.

The easiest way is as follows:

from the SW1 line draw four resistors in series. the first is 27k, next is 39k, next is 82k and the last is 220k.

Now, from the junctions of each pair of resistors and the end of the string draw a pushbutton switch (normally open) to ground.

The first (junction of 27k and 39k) is PTT, next is DOWN, next is UP and last is ACC.

Now, although there are a couple of transistors involved in the actual circuit in the mic, you can do exactly the same from the SW2 line leaving out the 220k resistor and last push button. On this one, the first is P, the second P1 and the third is P2.

The lock switch works by breaking the ground connection to all except the PTT button. this disables all buttons except the PTT.

In my car, I have installed a boom mic for hands free operation and made up a little box with the switches which is mounted on the gear stick where I can reach it when my hand is on the stick. This box has all the switches on it and only requires 3 wires going to it to give me all button functions. I actually have a centre off button for the PTT with momentary in one direction and locking in the other. The momentary position is always operational but the locking direction is disabled by the lock switch when I lock the other buttons. I then have a piece of thin twin shielded microphone cable (about 1/8" diameter) running down the gear shift and going to a little control box which also houses the preamp I need for the microphone I use (an Icom HS15) as it's output is a bit low for the FT100D. I think that it may be because the mic is quite old. I've had it for about 10 or 12 years and it has been in several cars now. The extension lead for the microphone, which comes with the separation kit, just plugs into the control box and everything works fine. I have adjusted the preamp so the normal mic gain setting in the radio is correct so that way I don't have to change anything when I move the FT100D into my other vehicle where I don't have the boom mic and don't use the separation kit.

This whole setup is very convenient and seems to work fine on both VHF/UHF and HF where I have had several successful contacts into Europe on my way home from work over the last few days. (I am currently using a Terlin Outbacker Juniot Plus antenna but am probably going to order an ATAS-100 in

from New Zealand in a few days (they are not available in Australia, unfortunately).

I hope that the above description is of use to some of you.

73....Eric VK2KUR

-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Monday, 11 March 2002 6:31 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: FT100 rx/tx

This sounds like a bad microphone or microphone cable. Do you have another microphone you can borrow to try?

I looked in the Yaesu FT-100D Operating manual. Page 4 has the pin outs for the microphone connector. Unfortunately I do not see the PTT line listed in the picture. PTT (Push To Talk) must be done digitally rather than grounding a lead. Maybe someone else can better explain because I am not sure how this works.

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I hope this helps. Do not worry about your English. It definately is better than my Portugese. I do not know a single Portugese word.

Ken - N9CV

--- In FT100@y..., "Luiz Carlos F. Silva" <luiz_bye@h...> wrote:
> Hi John .
> Still with the ptt pressed i am listening normally.
> No turn rx to tx .
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> Luiz - PY4BYE

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[Non-text portions of this message have been removed]

# 12832. Re: [FT100] Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 13:29:46 UTC
From: Bobby
Topic: 12824  Message: 12832

My FT100D was 9 months old with no problems. But just
to play it safe I sent it back for the mods while it
was still in warranty. It's the wait to get it back
thats hard to cope with.
73 w4blb

--- kc2gkl <kc2gkl@...> wrote:
> Greetings....
>
> Seeing that this is a very active group and after
> taking time to go
> through many of the posts here I feel I must ask
> this question to
> satisfy my personal curiosity. "How many own an
> FT-100(D) and have
> never experienced a problem with it"? "Does such an
> animal really
> exist"?
>
> I only ask this because it appears as if every other
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> is a post about some type of problem, i.e. failing
> finals, SWR
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> Minded, if an
> individual is going to drop a good chunk of change
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> does it really make sense to have to crack open the
> covers on it and
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> originally intended to? Personally, that seems very
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>
> The radio may indeed be a diamond in the rough as
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> exclaimed, however, for that amount of money, I
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> missing something
> here? Perhaps the number of problems are actually
> very small compared
> to the relatively large number of FT-100(D)s out
> there in the field?
>

> Can someone please shed some light on this subject
> for me? Many
> thanks in advance for any insight which may help to
> ease my rattled
> nerves.....
>
> 73
> Gary
>
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>

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# 12833. Re: [FT100] Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 14:08:01 UTC
From: David F. Morse
Topic: 12824  Message: 12833

---
Gary; I've had mine (FT-100d) for about two years and used as mobile in -5 degrees F to 120 degrees F and now on the bench in the shack as a test rig against my IC706 for antenna testing. The only thing I have done to it is build a proper grounding tab off the RF output leads plus put an inline 12v filter to help reduce transients on the 12v power leads. So far so good!

From an operational point of view, I check the FT100 against my IC706 and my spy radio (Harris RF-590) and the rcvr on the FT100 is really great, once u learn how to operate it. Which leads to the manuals (supplied or not); they obviously were written by non English logic based humans residing on this planet. Compare the IC706 manual, which is very well written.

In my opinion, a new FT100 is worth about $US500.00 considering all the potential screw ups and lack of quality control by Yaesu.

David in Denver
k0dar
73
//////////////////////

>Greetings....
>
>Seeing that this is a very active group and after taking time to go
>through many of the posts here I feel I must ask this question to
>satisfy my personal curiosity. "How many own an FT-100(D) and have
>never experienced a problem with it"? "Does such an animal really
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>thanks in advance for any insight which may help to ease my rattled
>nerves.....
>
>73
>Gary
>

--

# 12834. Re: [FT100] FT-100D vs IC-706MkIIG

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 14:45:23 UTC
From: David Kiwerski
Topic: 12805  Message: 12834

You could always us an external amp for V/U...These cost
much less than replacing the finals'

Dave Kiwerski
wp2aat

signup wrote:
>
> While the radios are comparable, there is no comparison .. the IC-706MkIIG is a superior radio.
>
> 1. The 100-series have had more production problems than the 706-series,
> 2. The 706 menus are easier to navigate,
> 3. The 706 is rated 100% duty cycle, the 100 is rated at 50% duty cycle,
> 4. You get superior tech support by phone and email from ICOM than you do Yaesu,
> 5. If you shop around you can get the Icom for less than Yaesu.
>
> I own both ... the FT-100 is a paper weight since the finals went out using it mobile on their ATAS-100. They wanted $ 550.00 to replace the final PA with a 30-day warranty. That is when I bought the Icom for $ 250 more with a 1-year warranty. Except for the auto-tune feature of the Yaesu on the ATAS, I haven't missed and have enjoyed the Icom a lot more.
>
> /lee - k1nt ex: kr5f
> Have we Qso'd - Find out at www.kr5f.com
>
> ----- Original Message -----
> From: valveman_6146
> To: FT100@yahoogroups.com
> Sent: March 10, 2002 04:11
> Subject: [FT100] FT-100D vs IC-706MkIIG
>
> I new to the the group and am contemplating on buying an FT-100D or
> IC-706MkIIG. Leaning more toward the FT-100D. I would like to hear
> people's opinion on the two so I can make a intellegent decision.
> Pros and cons. Your experience.
>
> Thanks in advance
> Robert
> VE3RPF
>
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# 12835. New owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 19:38:28 UTC
From: alexn4byj
Topic: 12835  Message: 12835

Just bought a FT-100D and am having problems getting the PSK mode to work. Using a RigBlaster Interface and the cable from my Ft-817,which looks as if it should be the same. However, the PTT does not seem to work and I never go into transmit. Receives great. Any ideas?
Thanks in advance.

Alex Turner N4BYJ

# 12836. Re: FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 20:34:15 UTC
From: Bob Evans
Topic: 12818  Message: 12836

Mark,

Why would you put a tuner in front of a dummy load?

Bob K5WA

>>Message: 8
>> Date: Sun, 10 Mar 2002 21:02:03 UTC
>> From: n8uvq@...
>>Subject: FT-100 with excessive SWR
>>
>>Looks like my FT-100 needs to return home to Cerritos. On ten meters
>>through a tuner into a dummy load

# 12837. Anyone Backpacking An FT-100/100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 19:59:58 UTC
From: wd8dky
Topic: 12837  Message: 12837

Hello! Is anyone backpacking an FT-100/100D? If so, I'd be interested in hearing what type of battery you're carrying.

73,

Paul WD8DKY

# 12838. Re: Nervous

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 21:04:37 UTC
From: backhoefade
Topic: 12824  Message: 12838

If you're already nervous about the FT-100D I would strongly advise
that you buy the Icom. I'll be interested to hear how you like it so
keep in touch on the FT-100D bulletin board.
Good luck and have fun.
N6AF Chas

--- In FT100@y..., "kc2gkl" <kc2gkl@e...> wrote:
> Greetings....
>
> Seeing that this is a very active group and after taking time to go
> through many of the posts here I feel I must ask this question to
> satisfy my personal curiosity. "How many own an FT-100(D) and have
> never experienced a problem with it"? "Does such an animal really
> exist"?
>
> I only ask this because it appears as if every other day or so
there
> is a post about some type of problem, i.e. failing finals, SWR
> problems, poor TX audio, overheating, etc, etc. Minded, if an
> individual is going to drop a good chunk of change to own this rig,
> does it really make sense to have to crack open the covers on it
and
> perform modifications just so the radio operates as it should of
> originally intended to? Personally, that seems very ridiculous.
>
> The radio may indeed be a diamond in the rough as one poster
> exclaimed, however, for that amount of money, I think one would
> expect flawless performance from day one, or am I missing something
> here? Perhaps the number of problems are actually very small
compared
> to the relatively large number of FT-100(D)s out there in the
field?
>
> Can someone please shed some light on this subject for me? Many
> thanks in advance for any insight which may help to ease my rattled
> nerves.....
>
> 73
> Gary

# 12839. FT-817 vs. FT-100D RX?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 20:17:55 UTC
From: wd8dky
Topic: 12839  Message: 12839

Hi! I know this is a little off-topic, but has anyone compared the 817 and 100D receivers side-by-side in a mobile environment? I'd be interested how well the RX in the 817 held up to the various sources of mobile noise relative to the 100D.

73,

Paul WD8DKY

# 12840. Re: [FT100] FT-817 vs. FT-100D RX?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 21:15:07 UTC
From: Pres Waterman
Topic: 12839  Message: 12840

> Hi! I know this is a little off-topic, but has anyone compared the
> 817 and 100D receivers side-by-side in a mobile environment? I'd be
> interested how well the RX in the 817 held up to the various sources
> of mobile noise relative to the 100D.

not even close...

The FT-100 has waaaaaaay better noise blanker

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12841. Re: FT-100 vs IC-706

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 20:30:45 UTC
From: Bob Evans
Topic: 12841  Message: 12841

Lee,

If the receiver still works in your "paperweight", I'll give you $100 for it.

Bob K5WA

>>I own both ... the FT-100 is a paper weight since the finals went out using it mobile on their ATAS-100. They wanted $
>>550.00 to replace the final PA with a 30-day warranty. That is when I bought the Icom for $ 250 more with a 1-year
>>warranty. Except for the auto-tune feature of the Yaesu on the ATAS, I haven't missed and have enjoyed the Icom a lot more.

>>/lee - k1nt ex: kr5f

# 12842. Re: [FT100] Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 18:02:25 UTC
From: kb3bmt@juno.com
Topic: 12824  Message: 12842

I may be lucky, but I have had nary a problem with my FT-100D. I have logged over 300 contacts, 170 counties and 25 countries on 20 Meters. ALL MOBILE since January '02. I have been on VHF/UHF one time each since I installed the rig. Using a HamStick on 20 with a Larsen dual bander on V/UHF. The only problem I have encountered is being unable to get an acceptable SWR on 40 Meters when trying to tune a 40 Meter HamStick. Anyone have any clues on that?

73

Jim

On Mon, 11 Mar 2002 05:29:46 -0800 (PST) Bobby <w4blb@...> writes:
> My FT100D was 9 months old with no problems. But just
> to play it safe I sent it back for the mods while it
> was still in warranty. It's the wait to get it back
> thats hard to cope with.
> 73 w4blb
>
>
> --- kc2gkl <kc2gkl@...> wrote:
> > Greetings....
> >
> > Seeing that this is a very active group and after
> > taking time to go
> > through many of the posts here I feel I must ask
> > this question to
> > satisfy my personal curiosity. "How many own an
> > FT-100(D) and have
> > never experienced a problem with it"? "Does such an
> > animal really
> > exist"?
> >
> > I only ask this because it appears as if every other
> > day or so there
> > is a post about some type of problem, i.e. failing
> > finals, SWR
> > problems, poor TX audio, overheating, etc, etc.
> > Minded, if an
> > individual is going to drop a good chunk of change
> > to own this rig,
> > does it really make sense to have to crack open the
> > covers on it and
> > perform modifications just so the radio operates as
> > it should of
> > originally intended to? Personally, that seems very

> > ridiculous.
> >
> > The radio may indeed be a diamond in the rough as
> > one poster
> > exclaimed, however, for that amount of money, I
> > think one would
> > expect flawless performance from day one, or am I
> > missing something
> > here? Perhaps the number of problems are actually
> > very small compared
> > to the relatively large number of FT-100(D)s out
> > there in the field?
> >
> > Can someone please shed some light on this subject
> > for me? Many
> > thanks in advance for any insight which may help to
> > ease my rattled
> > nerves.....
> >
> > 73
> > Gary
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>
> We are all a part of this Lets make it as good as possible.
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# 12843. Re: [FT100] Heatsink on VHF/HF final?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-11 15:21:53 UTC
From: Mike May
Topic: 12744  Message: 12843

I didn't have a 3rd fan that fit very well so I changed things around a 2nd time but basically all I did was remove one fan from the rear and I then cut a hole just above the v/u final and put the removed fan in this spot with it pulling air into the radio with the remaining fan doing its original design duty of pulling air out the rear. So far after 1 week of heavy operating on VHF/UHF and HF/6 FM at full power my radio is staying cool, I'm runing 6 and 10 fm at 100 watts, VHF at 45 watts and UHF at 22 watts and in the past even with a fan circuit installed to turn the fans on in V/U receive the radio was still a getting alot hotter than it is now. The only thing about this mod is make sure that you dont place the fan so close to the edge that it interferes with the quick release bracket.

Mike

pa9jj@... wrote:

> What about reversing the airflow direction of 1 fan?
>
> Op 9 Mar 2002 om 22:22, Nesbitt schreef:
>
> > Mike,
> >
> > Can you send me the steps you followed when installing a 3rd fan?
> Also interested in the instructions for the SWR mod.
> >
> > Rich Nesbitt - N9MO
> > nesbitt@...
> >
> > ----- Original Message -----
> > From: Mike May
> > To: FT100@yahoogroups.com
> > Sent: Wednesday, March 06, 2002 4:49 PM
> > Subject: Re: [FT100] Heatsink on VHF/HF final?
> >
> >
> > A much better method is to cut a hole the same size of one of the
> rear
> > fans in the case directly above the V/U final and move a rear fan
> to
> > that location, or even add a 3rd fan with the added one above the
> V/U
> > final to pull fresh air in while the 2 rear fans are pulling hot
> air
> > out. I did the first method after replacing my V/U finals and so
> far it

> > works great when my fans turn on now in V/U receive they are not
> on as
> > long as with the stock fan configuration.
> >
> >
> > Mike
> > WB8VLC/7
> > w1pa wrote:
> >
> > > There are two mounting screws on either side of the VHF/UHF
> final.
> > > Can anyone think of a creative way to mount a heatsink (e.g.
> TO-220
> > > [?]) using those screws? Or is something that small just too
> little
> > > thermal mass?
> > >
> > > Bill
> > > W1PA
> > >
> > >
> > >
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> >
> > >
> > > Post message: FT100@yahoogroups.com
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> > > List owner: FT100-owner@yahoogroups.com
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
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>

> Met vriendelijke groeten,
>
>
>
> jan-en-jan@...
> Best 73's
> Jan PA9JJ
> pa9jj@...
> ------------------------------------------------------
> ---
>
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> Take a look at my homepage on http://www.qsl.net/pa9jj
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[Non-text portions of this message have been removed]

# 12844. FT-100 to FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 01:20:36 UTC
From: n8uvq@juno.com
Topic: 12844  Message: 12844

I HAVE to send my FT-100 in for warranty repairs. While speaking with
a technician he suggested having the rig updated to the FT-100D version.
Has anyone on the list done this? Other than the TCXO-8 unit, and the
case & speaker change, what else is done? And the next question,
does anyone have an approximate fee for this upgrade?

As an FYI for the list, the tech said warranty repair turn around is
between
three and four weeks.

Thanks for your input.

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

_____
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# 12845. Re: FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 01:42:53 UTC
From: n8uvq@juno.com
Topic: 12818  Message: 12845

To see if the tuner or connecting cables were properly functioning
without
transmitting on the air. Why else?
-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

>Mark,
>
>Why would you put a tuner in front of a dummy load?
>
>Bob K5WA
>
>

---
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# 12846. Re: [FT100] Re: FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 07:34:59 UTC
From: pa9jj@amsat.org
Topic: 12818  Message: 12846

Or maybe because it is a FT-100..... hi

Op 12 Mar 2002 om 1:42, n8uvq@... schreef:

> To see if the tuner or connecting cables were properly functioning
> without
> transmitting on the air. Why else?
> -
> **********
******
> Mark
> - N8UVQ - e-mail: N8UVQ@...
> **********
******
>
>
> >Mark,
> >
> >Why would you put a tuner in front of a dummy load?
> >
> >Bob K5WA
> >
> >
>
>
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Met vriendelijke groeten,

jan-en-jan@...
Best 73's
Jan PA9JJ
pa9jj@...

---

If you ever need a QSL-manager please think of me!
Take a look at my homepage on http://www.qsl.net/pa9jj
and sign the guestbook please.

# 12847. RE: [FT100] New owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 07:53:27 UTC
From: Eric van de Weyer
Topic: 12835  Message: 12847

Hi Alex,

I don't know how the 817 works in the PTT department but to operate the PTT on the FT100 you need to ground the SW1 lead through a 27K resistor.

See my previous message from yesterday for a full description on the switching in the FT100 microphones.

73....Eric VK2KUR
-----Original Message-----
From: alexn4byj [mailto:aturner13@...]
Sent: Tuesday, 12 March 2002 6:38 AM
To: FT100@yahoogroups.com
Subject: [FT100] New owner and PSK31

Just bought a FT-100D and am having problems getting the PSK mode to work. Using a RigBlaster Interface and the cable from my Ft-817,which looks as if it should be the same. However, the PTT does not seem to work and I never go into transmit. Receives great. Any ideas?
Thanks in advance.

Alex Turner N4BYJ

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[Non-text portions of this message have been removed]

# 12848. Re: FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 08:58:05 UTC
From: n9cv
Topic: 12803  Message: 12848

Eric,

If I read your post correctly, to get the following functions a resistance is applied between pin 3 (ground) and pin 1 (SW1) of the microphone connector.

PTT - 27K ohms
DOWN - 66K ohms (27K + 39K)
UP - 148k ohms (27K + 39k + 82K)
ACC - 368K ohms (27k + 39K + 82K + 220K)

If this is true, then Luiz Carlos could temporarily test the PTT function of his radio by simply applying a 27K ohm resistor between pin 3 and pin 1 of the microphone connector. If the FT-100 goes into transmit with the resistor connected, the problem is in the microphone. If it does not transmit then the problem is in the radio.

Please advise me if this is correct, before we suggest it to Luiz Carlos.

On a side note, I am still willing to see if I can get you an ATAS-100 at Dayton in May. Did you see if the dealer in Auckland stocks the ATAS-100, or does it have to be ordered? Also how much does the ATAS-100 cost (plus any import tax and shipping to Australia)? If NZ is too expensive, or it is not readily available, I could call AES or one of the dealers here and see if they will ship to VK land.
I think it is crazy that Dick Smith imports the FT100, but not the ATAS-100.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken and others,
>
> seeing that the PTT has been bought up, I will give a short description of
> how the PTT and other buttons on the microphone work.
>
> The easiest way is as follows:
>
> from the SW1 line draw four resistors in series. the first is 27k, next is
> 39k, next is 82k and the last is 220k.
>
> Now, from the junctions of each pair of resistors and the end of the string
> draw a pushbutton switch (normally open) to ground.

>
> The first (junction of 27k and 39k) is PTT, next is DOWN, next is
UP and
> last is ACC.
>
> Now, although there are a couple of transistors involved in the
actual
> circuit in the mic, you can do exactly the same from the SW2 line
leaving
> out the 220k resistor and last push button. On this one, the first
is P, the
> second P1 and the third is P2.
>
> The lock switch works by breaking the ground connection to all
except the
> PTT button. this disables all buttons except the PTT.
>
> In my car, I have installed a boom mic for hands free operation and
made up
> a little box with the switches which is mounted on the gear stick
where I
> can reach it when my hand is on the stick. This box has all the
switches on
> it and only requires 3 wires going to it to give me all button
functions. I
> actually have a centre off button for the PTT with momentary in one
> direction and locking in the other. The momentary position is always
> operational but the locking direction is disabled by the lock
switch when I
> lock the other buttons. I then have a piece of thin twin shielded
microphone
> cable (about 1/8" diameter) running down the gear shift and going
to a
> little control box which also houses the preamp I need for the
microphone I
> use (an Icom HS15) as it's output is a bit low for the FT100D. I
think that
> it may be because the mic is quite old. I've had it for about 10 or
12 years
> and it has been in several cars now. The extension lead for the
microphone,
> which comes with the separation kit, just plugs into the control
box and
> everything works fine. I have adjusted the preamp so the normal mic
gain
> setting in the radio is correct so that way I don't have to change
anything
> when I move the FT100D into my other vehicle where I don't have the
boom mic
> and don't use the separation kit.

>
> This whole setup is very convenient and seems to work fine on both
VHF/UHF
> and HF where I have had several successful contacts into Europe on
my way
> home from work over the last few days. (I am currently using a
Terlin
> Outbacker Juniot Plus antenna but am probably going to order an
ATAS-100 in
> from New Zealand in a few days (they are not available in Australia,
> unfortunately).
>
> I hope that the above description is of use to some of you.
>
> 73....Eric VK2KUR
>
>
> -----Original Message-----
> From: n9cv [mailto:kgb@i...]
> Sent: Monday, 11 March 2002 6:31 PM
> To: FT100@y...
> Subject: [FT100] Re: FT100 rx/tx
>
>
> This sounds like a bad microphone or microphone cable. Do you
have
> another microphone you can borrow to try?
>
> I looked in the Yaesu FT-100D Operating manual. Page 4 has the
pin
> outs for the microphone connector. Unfortunately I do not see the
> PTT line listed in the picture. PTT (Push To Talk) must be done
> digitally rather than grounding a lead. Maybe someone else can
> better explain because I am not sure how this works.
>
> The picture on page 4 shows connector in the front of radio with
the
> key at the bottom of the connector. The pins from left to right
are
> listed as: SW1, MIC IN, Ground, +9v, N.C., and SW2.
>
> I hope this helps. Do not worry about your English. It
definately
> is better than my Portugese. I do not know a single Portugese
word.
>
> Ken - N9CV
>
> --- In FT100@y..., "Luiz Carlos F. Silva" <luiz_bye@h...> wrote:
> > Hi John .

> > Still with the ptt pressed i am listening normally.
> > No turn rx to tx .
> > I think that the problem is in the stage turning rx/tx.
> > i'm sorry for my english .
> > 73.
> > Luiz - PY4BYE
>
>
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>
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# 12849. Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 09:20:04 UTC
From: n9cv
Topic: 12824  Message: 12849

35 years ago I had a job repairing business machines. After 3 or 4 years of fixing these machines at various customers around the Chicago suburbs, I believed that they were all junk. I was always fixing the same machine types, but not necessarily the same physical machines.

Then one day I happened to look at the installed inventory of my clients. I realized that each client had 30 to 50 of these machines at each location and most used them 24 hours a day. I was only getting calls on one machine at a time. Most machines never had a call in years of service.

I then realized that you have to put things in perspective. When you only see or hear about broken machines, and never hear about the running ones, you soon believe that all machines of that type are junk.

I believe the same goes for radios. I will admit to some repairable / preventable shortcomings with the FT-100 and to slow response time if they are sent in for repair. But it is difficult to get a true picture of the over reliabilty of the product when you only see or hear about the broken ones.

Ken - N9CV

--- In FT100@y..., "kc2gkl" <kc2gkl@e...> wrote:
> Greetings....
>
> Seeing that this is a very active group and after taking time to go
> through many of the posts here I feel I must ask this question to
> satisfy my personal curiosity. "How many own an FT-100(D) and have
> never experienced a problem with it"? "Does such an animal really
> exist"?
>
> I only ask this because it appears as if every other day or so
there
> is a post about some type of problem, i.e. failing finals, SWR
> problems, poor TX audio, overheating, etc, etc. Minded, if an
> individual is going to drop a good chunk of change to own this rig,
> does it really make sense to have to crack open the covers on it
and
> perform modifications just so the radio operates as it should of
> originally intended to? Personally, that seems very ridiculous.
>
> The radio may indeed be a diamond in the rough as one poster
> exclaimed, however, for that amount of money, I think one would

> expect flawless performance from day one, or am I missing something
> here? Perhaps the number of problems are actually very small
compared
> to the relatively large number of FT-100(D)s out there in the
field?
>
> Can someone please shed some light on this subject for me? Many
> thanks in advance for any insight which may help to ease my rattled
> nerves.....
>
> 73
> Gary

# 12850. RE: [FT100] Re: FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 09:50:00 UTC
From: Eric van de Weyer
Topic: 12803  Message: 12850

Hi Ken,

yes, that is correct, 27K between SW1 and Gnd will make the PTT operate.

Thanks for the offer re the ATAS-100, I actually ordered one today from ZL. The price was approximatelt equivalent to what you pay for them in the US (US$320) so I am happy. I should have in in the next couple of weeks.

Thanks for keeping me in mind about it.

73....Eric.

-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Tuesday, 12 March 2002 7:58 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: FT100 rx/tx

Eric,

If I read your post correctly, to get the following functions a resistance is applied between pin 3 (ground) and pin 1 (SW1) of the microphone connector.

PTT - 27K ohms
DOWN - 66K ohms (27K + 39K)
UP - 148k ohms (27K + 39k + 82K)
ACC - 368K ohms (27k + 39K + 82K + 220K)

If this is true, then Luiz Carlos could temporarily test the PTT function of his radio by simply applying a 27K ohm resistor between pin 3 and pin 1 of the microphone connector. If the FT-100 goes into transmit with the resistor connected, the problem is in the microphone. If it does not transmit then the problem is in the radio.

Please advise me if this is correct, before we suggest it to Luiz Carlos.

On a side note, I am still willing to see if I can get you an ATAS-100 at Dayton in May. Did you see if the dealer in Auckland stocks the ATAS-100, or does it have to be ordered? Also how much does the ATAS-100 cost (plus any import tax and shipping to Australia)? If NZ is too expensive, or it is not readily available, I could call AES or one of the dealers here and see if they will ship to VK land.
I think it is crazy that Dick Smith imports the FT100, but not the ATAS-100.

Ken - N9CV

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken and others,
>
> seeing that the PTT has been bought up, I will give a short description of
> how the PTT and other buttons on the microphone work.
>
> The easiest way is as follows:
>
> from the SW1 line draw four resistors in series. the first is 27k, next is
> 39k, next is 82k and the last is 220k.
>
> Now, from the junctions of each pair of resistors and the end of the string
> draw a pushbutton switch (normally open) to ground.
>
> The first (junction of 27k and 39k) is PTT, next is DOWN, next is UP and
> last is ACC.
>
> Now, although there are a couple of transistors involved in the actual
> circuit in the mic, you can do exactly the same from the SW2 line leaving
> out the 220k resistor and last push button. On this one, the first is P, the
> second P1 and the third is P2.
>
> The lock switch works by breaking the ground connection to all except the
> PTT button. this disables all buttons except the PTT.
>
> In my car, I have installed a boom mic for hands free operation and made up
> a little box with the switches which is mounted on the gear stick where I
> can reach it when my hand is on the stick. This box has all the switches on
> it and only requires 3 wires going to it to give me all button functions. I
> actually have a centre off button for the PTT with momentary in one
> direction and locking in the other. The momentary position is always
> operational but the locking direction is disabled by the lock switch when I
> lock the other buttons. I then have a piece of thin twin shielded microphone
> cable (about 1/8" diameter) running down the gear shift and going to a
> little control box which also houses the preamp I need for the microphone I

> use (an Icom HS15) as it's output is a bit low for the FT100D. I
think that
> it may be because the mic is quite old. I've had it for about 10 or
12 years
> and it has been in several cars now. The extension lead for the
microphone,
> which comes with the separation kit, just plugs into the control
box and
> everything works fine. I have adjusted the preamp so the normal mic
gain
> setting in the radio is correct so that way I don't have to change
anything
> when I move the FT100D into my other vehicle where I don't have the
boom mic
> and don't use the separation kit.
>
> This whole setup is very convenient and seems to work fine on both
VHF/UHF
> and HF where I have had several successful contacts into Europe on
my way
> home from work over the last few days. (I am currently using a
Terlin
> Outbacker Juniot Plus antenna but am probably going to order an
ATAS-100 in
> from New Zealand in a few days (they are not available in Australia,
> unfortunately).
>
> I hope that the above description is of use to some of you.
>
> 73....Eric VK2KUR
>
>
> -----Original Message-----
> From: n9cv [mailto:kgb@i...]
> Sent: Monday, 11 March 2002 6:31 PM
> To: FT100@y...
> Subject: [FT100] Re: FT100 rx/tx
>
>
> This sounds like a bad microphone or microphone cable. Do you
have
> another microphone you can borrow to try?
>
> I looked in the Yaesu FT-100D Operating manual. Page 4 has the
pin
> outs for the microphone connector. Unfortunately I do not see the
> PTT line listed in the picture. PTT (Push To Talk) must be done
> digitally rather than grounding a lead. Maybe someone else can
> better explain because I am not sure how this works.
>

> The picture on page 4 shows connector in the front of radio with
the
> key at the bottom of the connector. The pins from left to right
are
> listed as: SW1, MIC IN, Ground, +9v, N.C., and SW2.
>
> I hope this helps. Do not worry about your English. It
definately
> is better than my Portugese. I do not know a single Portugese
word.
>
> Ken - N9CV
>
> --- In FT100@y..., "Luiz Carlos F. Silva" <luiz_bye@h...> wrote:
> > Hi John .
> > Still with the ptt pressed i am listening normally.
> > No turn rx to tx .
> > I think that the problem is in the stage turning rx/tx.
> > i'm sorry for my english .
> > 73.
> > Luiz - PY4BYE
>
>
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>
> We are all a part of this Lets make it as good as possible.
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>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12851. RE: [FT100] Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 10:05:13 UTC
From: Eric van de Weyer
Topic: 12824  Message: 12851

Hi again Ken,

I wonder what sort of machines they were that you were working on. I worked along similar lines and found the same sort of result, only a small percentage of the machines provided about 95% of the calls.

73....Eric VK2KUR

-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Tuesday, 12 March 2002 8:20 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Curiosity ?

35 years ago I had a job repairing business machines. After 3 or 4 years of fixing these machines at various customers around the Chicago suburbs, I believed that they were all junk. I was always fixing the same machine types, but not necessarily the same physical machines.

Then one day I happened to look at the installed inventory of my clients. I realized that each client had 30 to 50 of these machines at each location and most used them 24 hours a day. I was only getting calls on one machine at a time. Most machines never had a call in years of service.

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Ken - N9CV

--- In FT100@y..., "kc2gkl" <kc2gkl@e...> wrote:
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>
> 73
> Gary

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[Non-text portions of this message have been removed]

# 12852. ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 13:21:46 UTC
From: Alek Petkovic
Topic: 12852  Message: 12852

In a recent posting, someone wondered why the Australian Distributor for Yaesu is not importing the ATAS-100 mobile antenna system.

I think it is because it would probably end up being priced around $850 - $900 AUS including mounting kit or around $700 AUS for the antenna alone. This would put it right out of contention as far as sales in this country are concerned. Those estimates are conservative. The $840 you pay for the FT-100 in the US equates to about $1615 AUS. The price in Australia for the FT-100 is currently at $2000.00 AUS or $1040 US. A month or two ago, it was closer to $2500 AUS

Nobody would pay that sort of money for a toy antenna in this country.

We have several antenna manufacturers in this country who produce far better antennas at far better prices. The distributor is no doubt aware of this fact and hence has chosen not to sell and support the ATAS-100.

To all those of you who are using the ATAS, sorry about the "toy antenna" dig. It's a thing we Aussies do. Hi hi. I'm sure it's a great antenna.

73, Alek.
VK6APK

ps, As a matter of interest, I think the Icom IC-706Mk2G is still well over $3000.00 AUS here. That's why we buy Yaesu.

# 12853. Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 15:42:53 UTC
From: lhlousek
Topic: 12824  Message: 12853

>The only problem I have encountered is being unable to get an
>acceptable SWR on 40 Meters when trying to tune a 40 Meter
>HamStick. Anyone have any clues on that?

When an electricaly small antenna like a 40 meter HamStick is tuned to resonance the resulting resistance is still too low to yield an acceptable SWR. The intructions that come with the HamStick recommend adding a capacitor between the base of the antenna a ground. Check the instructions for the recommended value.

Lou W7DZN

# 12854. Re: FT-817 vs. FT-100D RX?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 00:02:00 UTC
From: n9lig
Topic: 12839  Message: 12854

--- In FT100@y..., "wd8dky" <paul.knight@p...> wrote:
> Hi! I know this is a little off-topic, but has anyone compared the
> 817 and 100D receivers side-by-side in a mobile environment? I'd
be
> interested how well the RX in the 817 held up to the various
sources
> of mobile noise relative to the 100D.
>
> 73,
>
> Paul WD8DKY

Other than the noise blanker being better in the FT100 the rx is is
pretty close on them.I put them both on the same antenna with an A/B
switch.
Mike
N9LIG

# 12855. RE: [FT100] New owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 01:36:06 UTC
From: Greg Hicks
Topic: 12835  Message: 12855

Check your software....I had a similar problem, the rig always did well.....make sure you don't have your gain up to high....go to start/settings/control panel/sounds/recording controls....
Greg

-----Original Message-----
From: alexn4byj [mailto:aturner13@...]
Sent: Monday, March 11, 2002 1:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] New owner and PSK31

Just bought a FT-100D and am having problems getting the PSK mode to work. Using a RigBlaster Interface and the cable from my Ft-817,which looks as if it should be the same. However, the PTT does not seem to work and I never go into transmit. Receives great. Any ideas?
Thanks in advance.

Alex Turner N4BYJ

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[Non-text portions of this message have been removed]

# 12856. free invitation for my mailing list DX-NEWS....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 09:35:05 UTC
From: f5asdjerome@aol.com
Topic: 12856  Message: 12856

73 to you! I send to you this "free" invitation to become a member for my mailing list "DX-NEWS"

If you choose to subscribe to this "free" mailing-list (for ham radio operators) you will receive the latest DX-news via your e-mail address everyday.
These mailings will include:
DX bulletins,
satellites,
vhf-uhf-
psk31
rtty
sstv
news from I.S.S
keplers
propagation,
29 mhz FM
50 MHZ
skeds
bulletins, activities IOTA,DFCF-DMF contest etc etc ..
.Also, it will be possible to organize skeds with stations from the mailing list "FW,FR,VK,YV,PJ2,ZS,K,W,5V,VU,YB,HK,PY,LU,C6, etc... etc... I

hope to see your call on "DX-NEWS mailing list later ..."!
73's F5ASD jerome

adress to subscribe on DX-NEWS mailing list:
http://fr.groups.yahoo.com/group/f5asd-dx-news/

IF YOU MEET A PROBLEM TO SUBSCRIBE ON "DX-NEWS MAILING LIST"
PLEASE LET ME MESSAGE e-mail: F5ASDJEROME@AOL.COM

i will subscribe you "directly"on the list !!

73's F5ASD jérôme

e-mail: f5asdjerome@...

web site: http://www.ifrance.com/dxqslcartes

mailing list " DX-NEWS"

http://fr.groups.yahoo.com/group/f5asd-dx-news/

[Non-text portions of this message have been removed]

# 12857. SWR Icon Question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 03:31:57 UTC
From: tdc455
Topic: 12857  Message: 12857

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

# 12858. Re: [FT100] Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 15:50:28 UTC
From: kb3bmt@juno.com
Topic: 12824  Message: 12858

Think a capacitor box like the MFJ-910 would do the trick? Trying to get as much info as possible on this subject, so please don't think I am being redundant.

Jim
KB3BMT

On Tue, 12 Mar 2002 07:42:53 -0800 lhlousek <lhlousek@...> writes:
> >The only problem I have encountered is being unable to get an
> >acceptable SWR on 40 Meters when trying to tune a 40 Meter
> >HamStick. Anyone have any clues on that?
>
>
> When an electricaly small antenna like a 40 meter HamStick is tuned
> to resonance
> the resulting resistance is still too low to yield an acceptable
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> base of the antenna a ground. Check the instructions for the
> recommended value.
>
> Lou W7DZN
>
>
>
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# 12859. SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 15:24:54 UTC
From: tdc455
Topic: 12859  Message: 12859

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

# 12860. RE: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 16:29:32 UTC
From: Blaine
Topic: 12859  Message: 12860

Hi Tim,

"O" is good. O = OK It should be in the manual.

Blaine, VE7CQX
-----Original Message-----
From: tdc455 [mailto:tchapman36@...]
Sent: Tuesday, March 12, 2002 7:25 AM
To: FT100@yahoogroups.com
Subject: [FT100] SWR Icon question

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

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[Non-text portions of this message have been removed]

# 12861. Re: Reality

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 16:37:43 UTC
From: backhoefade
Topic: 12824  Message: 12861

The key point is that the FT-100 / FT-100D has two inherent design flaws. It's just that simple.

The typical new owner, if he doesn't have prior exposure to this bulletin board, goes through the same phases:

1) Discovery
2) Denial
3) Rationalization
4) Repair
5) Appreciation

Guess you could call it the 5 step FT-100(D) program.
The more fortunate hams skip right past the first 3 steps and just do the repair and get on the air.

N6AF Chas

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> 35 years ago I had a job repairing business machines. After 3 or 4
> years of fixing these machines at various customers around the
> Chicago suburbs, I believed that they were all junk. I was always
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>

> Ken - N9CV
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> field?
> >
> > Can someone please shed some light on this subject for me? Many
> > thanks in advance for any insight which may help to ease my
rattled
> > nerves.....
> >
> > 73
> > Gary

# 12862. Mike Buttons

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 17:13:15 UTC
From: ve7baq
Topic: 12862  Message: 12862

Has anyone found out what the four buttons on the right side of the microphone do? (A) (B) (C) (D). I think I saw something about them some time ago being undocumented or of unknown function, but I wonder if someone has found out what they are there for.
Einar VE7BAQ FT-100D

# 12863. ATAS/HamSticks on 40M, was Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 17:28:55 UTC
From: w1pa
Topic: 12824  Message: 12863

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> >The only problem I have encountered is being unable to get an
> >acceptable SWR on 40 Meters when trying to tune a 40 Meter
> >HamStick. Anyone have any clues on that?
>
>
> When an electricaly small antenna like a 40 meter HamStick is tuned
to resonance
> the resulting resistance is still too low to yield an acceptable
SWR. The
> intructions that come with the HamStick recommend adding a
capacitor between the
> base of the antenna a ground. Check the instructions for the
recommended value.
>
> Lou W7DZN

Low? What about a _high_ value?

I was helping another ham install his FT100D and ATAS on a Dodge truck last weekend, and finally had the time to put an analyzer on my ATAS, which has never loaded on 40m. I manually ran the ATAS all the way out, disconnected the pigtail, and put the analyzer on it. It was resonant at 6.80 Mhz (so it's not a whip length issue), but with an impedance above 50 ohm, almost 150 for a SWR of close to 3:1.

We tried his ATAS with the same result. I have mine installed on my luggage rack with a K550 mount and a ground strap to the rack, and I have confirmed that the rack is grounded to the chassis.

See: http://groups.yahoo.com/group/FT100/files/Mobile%
20Installations/W1PA/K550_closeup.JPG

His is installed on his hood, with a K400 clipped to the edge. His loads on 40m, not great, but it does.

Any antenna gurus think, based on these results and the impedence numbers, that I might be better off with a K400 mounted on my hatch door lip of the Subaru wagon versus the rack? My ATAS works and loads very well on _all_ other bands other than 40m... including WARC.

Bill
W1PA

# 12864. Mike Button Connections

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 17:55:10 UTC
From: ve7baq
Topic: 12864  Message: 12864

Regarding the mike button resistor values listed in the previous
posts, there is a clear picture of the hookup and mike connector
designation (Grd, SW1, SW2) at www.mods.dk
Also a picture of the mike jack pinouts.
Just click on Yaesu and go to FT-100.
Einar VE7BAQ

# 12865. Mike Button Connections

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 17:55:36 UTC
From: ve7baq
Topic: 12864  Message: 12865

Regarding the mike button resistor values listed in the previous
posts, there is a clear picture of the hookup and mike connector
designation (Grd, SW1, SW2) at www.mods.dk
Also a picture of the mike jack pinouts.
Just click on Yaesu and go to FT-100.
Einar VE7BAQ

# 12866. Re: [FT100] ATAS/HamSticks on 40M, was Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 18:05:45 UTC
From: David F. Morse
Topic: 12824  Message: 12866

```
-----------------------
Bill; I'm using a similar method of mounting (K9000 motor). However,
I used 1 inch strap direct from the bottom of the atas-100 to the
roof. Yes, I did drill a hole in roof and mounted a feed thru for
coax feed. Loads great. Those K type mounts are coated and u need to
get to bare metal. You might try using say 1/2inch braid strap for a
lower impedance match; the stupid antenna stops working at 3:1 vswr.
David in Denver
k0dar
//////////////////////
>
>I was helping another ham install his FT100D and ATAS on a Dodge
>truck last weekend, and finally had the time to put an analyzer on my
>ATAS, which has never loaded on 40m. I manually ran the ATAS all the
>way out, disconnected the pigtail, and put the analyzer on it. It was
>resonant at 6.80 Mhz (so it's not a whip length issue), but with an
>impedance above 50 ohm, almost 150 for a SWR of close to 3:1.
>
>We tried his ATAS with the same result. I have mine installed on my
>luggage rack with a K550 mount and a ground strap to the rack, and I
>have confirmed that the rack is grounded to the chassis.
>
>See:
>http://groups.yahoo.com/group/FT100/files/Mobile%20Installations/W1PA/K550_closeup.JPG
>
>His is installed on his hood, with a K400 clipped to the edge. His
>loads on 40m, not great, but it does.
>
>Any antenna gurus think, based on these results and the impedence
>numbers, that I might be better off with a K400 mounted on my hatch
>door lip of the Subaru wagon versus the rack? My ATAS works and loads
>very well on _all_ other bands other than 40m... including WARC.
>
>Bill
>W1PA
>

--
```

# 12867. Re: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 18:22:19 UTC
From: John McClain
Topic: 12859  Message: 12867

Tim,
Your question drove me nuts when I tried to get my FT-100 working with the an FC-20 and an ATAS-100. I finally called Yaesu Tech Support and was told that the SWR icon with the 'O' means that the TUN operation completed successfully with a low SWR. The 'X' means that the rig is seeing a high SWR. Yaesu could have saved me a lot of time and effort if they had thought to include this icon in the manual along with the 'X' icon.

John
K7SVV@...
----- Original Message -----
From: tdc455
To: FT100@yahoogroups.com
Sent: Tuesday, March 12, 2002 8:24 AM
Subject: [FT100] SWR Icon question

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

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[Non-text portions of this message have been removed]

# 12868. Disabling the V/U PA.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 18:32:50 UTC
From: John McClain
Topic: 12868  Message: 12868

I have mentioned this twice before but didn't get any response (at least none that I saw). For those of us that do not use our FT-100 on the VHF and UHF bands, wouldn't it be best to somehow disable the PA so that it wouldn't self-destruct like several people have mentioned here. Some have reported that the V/U PA went up in smoke while the rig was receiving and some even said that the it was receiving on an HF frequency when it failed. So wouldn't it be a good idea to prevent this from happening by removing the supply voltage to the PA and saving ourselves up to as much as the $505.00 that one person reported? Some day when it comes time to sell the rig, it would be a simple matter to re-enable the PA. Now is this one a winner or what?

John
K7SVV@...

# 12869. ATAS/HamSticks on 40M, was Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:02:32 UTC
From: w1pa
Topic: 12824  Message: 12869

Ah, there's the rub. Since the photo was taken, I have run a ground braid (two No 8 conductors) from a large diameter spade lug that goes around the SO-239 itself, down to the same screw hole in the luggage rack that you see in the photo... a direct connection, bypassing the hinges and tilt. I really can't bring myself to drill a hole into the body, though.

That's why I was thinking of the K400, that clamps directly to the metal of the hatch. With the ATAS tied to one corner of the car, I just point the car in the direction I want maximum gain. :-)

Five years back I ran a 706 and an outbacker on a K400 3/8-24 mount on the trunk of my Toyota Corolla. _That_ would load on 40.

http://www.rfparts.com/diamond/k601.html#400

Bill
W1PA

--- In FT100@y..., "David F. Morse" <dfmorse@q...> wrote:
> ----------
> Bill; I'm using a similar method of mounting (K9000 motor).
However,
> I used 1 inch strap direct from the bottom of the atas-100 to the
> roof. Yes, I did drill a hole in roof and mounted a feed thru for
> coax feed. Loads great. Those K type mounts are coated and u need
to
> get to bare metal. You might try using say 1/2inch braid strap for
a
> lower impedance match; the stupid antenna stops working at 3:1 vswr.
> David in Denver
> k0dar
> //////////
> >

# 12870. Re: Disabling the V/U PA.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:30:43 UTC
From: k5unm
Topic: 12868  Message: 12870

> John
> K7SVV@A...

Read msg 12784 and it details the operation of the bias regulator.
You could cut the control wire and ground the side going to the
regulator to prevent the regulator from turning on.

Mike K5UNM

# 12871. Re: [FT100] Disabling the V/U PA.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:36:51 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12868  Message: 12871

Since its a wire carrying 12 amps on transmit, its not a small wire, probably a wide trace on the PC board. I don't know for sure, but cutting either may not be trivial and restoration may not be easy to do without being a sore point. You probably also want to remove the gate bias, since there's some indication its running at the ragged edge for the device safety and glitches in it might be the root of the problem.

73, Jerry, K0CQ
--
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# 12872. [FT100] New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:40:41 UTC
From: Bob Evans
Topic: 12872  Message: 12872

Alex,

Did you set the jumpers correctly inside the RigBlaster. My RigBlaster works great with my FT-100. Even use it from the mobile installation. No problems.

Good luck,

Bob K5WA

-----Original Message-----
From: alexn4byj [mailto:aturner13@...]
Sent: Monday, March 11, 2002 1:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] New owner and PSK31

Just bought a FT-100D and am having problems getting the PSK mode to work. Using a RigBlaster Interface and the cable from my Ft-817,which looks as if it should be the same. However, the PTT does not seem to work and I never go into transmit. Receives great. Any ideas?
Thanks in advance.

Alex Turner N4BYJ

# 12873. Re: [FT100] Mike Buttons

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:46:51 UTC
From: John Hirth
Topic: 12862  Message: 12873

The A, B, C, D buttons on the DTMF (dual tone multi-frequency)
"Touch-Tone(TM)" pad are for the last four tones that make up the 16
place DTMF signalling set. You won't normally find them on typical
telephones nor in typical "telephone numbers", but they are legimate
DTMF signalling tones nonetheless. Among other things, they can be put
to good use for repeater/autopatch control, etc.

73, John W2KI
retired telco engr.
---

ve7baq wrote:
>
> Has anyone found out what the four buttons on the right side of the
> microphone do? (A) (B) (C) (D). I think I saw something about them
> some time ago being undocumented or of unknown function, but I wonder
> if someone has found out what they are there for.
> Einar VE7BAQ FT-100D

# 12874. Re: Reality

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 20:06:21 UTC
From: Bob Evans
Topic: 12824  Message: 12874

Then there are the majority of FT-100 owners who simply got on the air and
went straight to step 5, Appreciation, where we have stayed for two years
and counting!

Bob K5WA

>>Message: 16
>> Date: Tue, 12 Mar 2002 16:37:43 -0000
>> From: "backhoefade" <cgarner@...>
>>Subject: Re: Reality
>>Guess you could call it the 5 step FT-100(D) program.
>>The more fortunate hams skip right past the first 3 steps and just
>>do the repair and get on the air.
>>
>>N6AF Chas

# 12875. a burning question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 23:36:42 UTC
From: John Farley
Topic: 12875  Message: 12875

hi all
having done all the standard mods some time ago and now blissfully
confident that all is well with the radio it comes as a surprise to hear that
failure of the V/UHF output may not be due only to heat .
i would like to hear if anyone who has done the fan mod has in fact
blown the V/UHF final or is the prob still confined to those who have not.
my radio runs in my mobile all day and spends a lot of its time on
vhf
so as you can imagine im more than curious. The other option of course is
to flogg
the thing off now its out of warranty and buy a new one..
cheers john vk2khz

# 12876. RE: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:01:11 UTC
From: T Chapman
Topic: 12859  Message: 12876

Thanks John,
Me too and I swear, if it's in the manual it sure is well hidden!!!
I knew the SWR was low by the meter. I just wanted to be sure that there wasn't something else going on I was not aware of.
73

Tim, W9TDC

-----Original Message-----
From: John McClain [mailto:digi2@...]
Sent: Tuesday, March 12, 2002 12:22 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] SWR Icon question

Tim,
Your question drove me nuts when I tried to get my FT-100 working with the an FC-20 and an ATAS-100. I finally called Yaesu Tech Support and was told that the SWR icon with the 'O' means that the TUN operation completed successfully with a low SWR. The 'X' means that the rig is seeing a high SWR. Yaesu could have saved me a lot of time and effort if they had thought to include this icon in the manual along with the 'X' icon.

John
K7SVV@...
----- Original Message -----
From: tdc455
To: FT100@yahoogroups.com
Sent: Tuesday, March 12, 2002 8:24 AM
Subject: [FT100] SWR Icon question

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

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[Non-text portions of this message have been removed]

# 12877. RE: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 17:59:32 UTC
From: T Chapman
Topic: 12859  Message: 12877

Blaine,
I was hoping that's what it was. I looked through the manual 3 time last night before I posted the question. If it's mentioned there I must have missed it.
One additional note that some may find interesting, I just picked a a Kenwood TS-2000X and at twice the cost of my FT-100 and FC-20 tuner the TS-2000 with it's built in autotuner won't come close to tuning the same hf bands that the FT-100 and FC-20 will. The FT-100 / FC-20 will tune 80 through 6 but the TS-2000 on the same antenna will only tune 40, 30, 15 and 6 meter.
Thanks for the answer,
73

Tim, W9TDC

-----Original Message-----
From: Blaine [mailto:VE7CQX@...]
Sent: Tuesday, March 12, 2002 10:30 AM
To: FT100@yahoogroups.com
Subject: RE: [FT100] SWR Icon question

Hi Tim,

"O" is good. O = OK It should be in the manual.

Blaine, VE7CQX
-----Original Message-----
From: tdc455 [mailto:tchapman36@...]
Sent: Tuesday, March 12, 2002 7:25 AM
To: FT100@yahoogroups.com
Subject: [FT100] SWR Icon question

Can't seem to find this in the manual maybe someone in the group knows the answer. When I tune up my FT-100 through the FC-20 tuner I sometimes see an SWR icon for a few seconds following the tune but it's not the SWR icon with the X. This one has the antenna symbol with an O to the lower right in place of the high SWR X. I occasionally see the SWR icon with the X when tuning on 160m. Does anyone know what the icon with the O represents?
Thanks & 73
Tim W9TDC

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[Non-text portions of this message have been removed]

# 12878. Re: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:12:38 UTC
From: Mike May
Topic: 12859  Message: 12878

They should have made the O a smiley faced O instead.

Mike
WB8VLC/7

McClain wrote:

> Tim,
> Your question drove me nuts when I tried to get my FT-100
> working with the an FC-20 and an ATAS-100. I finally called Yaesu
> Tech Support and was told that the SWR icon with the 'O' means that
> the TUN operation completed successfully with a low SWR. The 'X'
> means that the rig is seeing a high SWR. Yaesu could have saved me a
> lot of time and effort if they had thought to include this icon in the
> manual along with the 'X' icon.
>
> John
> K7SVV@...
> ----- Original Message -----
> From: tdc455
> To: FT100@yahoogroups.com
> Sent: Tuesday, March 12, 2002 8:24 AM
> Subject: [FT100] SWR Icon question
>
>
> Can't seem to find this in the manual maybe someone in the group
> knows the answer. When I tune up my FT-100 through the FC-20 tuner I
>
> sometimes see an SWR icon for a few seconds following the tune but
> it's not the SWR icon with the X. This one has the antenna symbol
> with an O to the lower right in place of the high SWR X. I
> occasionally see the SWR icon with the X when tuning on 160m. Does
> anyone know what the icon with the O represents?
> Thanks & 73
> Tim W9TDC
>
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 12879. Re: [FT100] Disabling the V/U PA.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 21:18:29 UTC
From: Mike May
Topic: 12868  Message: 12879

You have to unsolder one end of each of the 2 RF chokes that bring the drain voltage into the output wideband coax transformers, but this isn't easy as they must be unsoldered from the backside of the PWB. Also you need to remove the gate voltage by removing the 2 gate chokes in a similar manor, smaller ones and I don't remember what the gate chokes look like off hand at this time. I don't have a schematic handy but you can't miss the drain chokes as they are about several turns of #16 wire and have white glue along the top to hold the turns together.

Mike
WB8VLC/7
"Dr. Gerald N. Johnson, electrical engineer" wrote:

> Since its a wire carrying 12 amps on transmit, its not a small wire,
> probably a wide trace on the PC board. I don't know for sure, but
> cutting either may not be trivial and restoration may not be easy to
> do
> without being a sore point. You probably also want to remove the gate
> bias, since there's some indication its running at the ragged edge for
>
> the device safety and glitches in it might be the root of the problem.
>
> 73, Jerry, K0CQ
> --
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[Non-text portions of this message have been removed]

# 12880. Mobile radios comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-12 19:44:09 UTC
From: Saad Mahaini
Topic: 12868  Message: 12880

Hello,

I've seen quite a bit of comparisons here between the 100D and 706 running mobile, but how about the Kwd TS-B2000. Anyone with experience running this radio mobile that will like to share with us please.

73s Saad N5FF

# 12881. Re: [FT100] free invitation for my mailing list DX-NEWS....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 00:07:54 UTC
From: Nesbitt
Topic: 12856  Message: 12881

subscribe

Rich Nesbitt - N9MO
nesbitt@...

----- Original Message -----
From: f5asdjerome@...
To: dxlab@yahoogroups.com ; dx-list@yahoogroups.com ; FT100@yahoogroups.com ;
amateur_radio@yahoogroups.com
Sent: Tuesday, March 12, 2002 4:35 AM
Subject: [FT100] free invitation for my mailing list DX-NEWS....

73 to you! I send to you this "free" invitation to become a member for my
mailing list "DX-NEWS"

If you choose to subscribe to this "free" mailing-list (for ham radio
operators) you will receive the latest DX-news via your e-mail address
everyday.
These mailings will include:
DX bulletins,
satellites,
vhf-uhf-
psk31
rtty
sstv
news from I.S.S
keplers
propagation,
29 mhz FM
50 MHZ
skeds
bulletins, activities IOTA,DFCF-DMF contest etc etc ..
.Also, it will be possible to organize skeds with stations from the mailing
list "FW,FR,VK,YV,PJ2,ZS,K,W,5V,VU,YB,HK,PY,LU,C6, etc... etc... I

hope to see your call on "DX-NEWS mailing list later ..."!
73's F5ASD jerome

adress to subscribe on DX-NEWS mailing list:
http://fr.groups.yahoo.com/group/f5asd-dx-news/

IF YOU MEET A PROBLEM TO SUBSCRIBE ON "DX-NEWS MAILING LIST"
PLEASE LET ME MESSAGE e-mail: F5ASDJEROME@...

i will subscribe you "directly"on the list !!

73's F5ASD jérôme

e-mail: f5asdjerome@...

web site: http://www.ifrance.com/dxqslcartes

mailing list " DX-NEWS"

http://fr.groups.yahoo.com/group/f5asd-dx-news/

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12882. Re: [FT100] New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 01:26:19 UTC
From: Alex Turner
Topic: 12872  Message: 12882

Bob,thanks for responding. I did not have the correct jumper settings for the FT-100D. Had a heck of a time getting them for the FT-817 and frankly I thought the 100 would work with everything set for the 817,but maybe not. Is the correct jumper on the RigBlaster site I didn't see it Monday. It seems to be with the interface since the rig is ok otherwise.

Thanks
Alex N4BYJ
----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Tuesday, March 12, 2002 2:40 PM
Subject: [FT100] New Owner and PSK31

Alex,

Did you set the jumpers correctly inside the RigBlaster. My RigBlaster works great with my FT-100. Even use it from the mobile installation. No problems.

Good luck,

Bob K5WA

-----Original Message-----
From: alexn4byj [mailto:aturner13@...]
Sent: Monday, March 11, 2002 1:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] New owner and PSK31

Just bought a FT-100D and am having problems getting the PSK mode to work. Using a RigBlaster Interface and the cable from my Ft-817,which looks as if it should be the same. However, the PTT does not seem to work and I never go into transmit. Receives great. Any ideas?
Thanks in advance.

Alex Turner N4BYJ

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[Non-text portions of this message have been removed]

# 12883. Re: [FT100] New owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 01:28:17 UTC
From: Alex Turner
Topic: 12835  Message: 12883

Thanks,Greg, I'll double check everything again.

Alex N4BYJ

[Non-text portions of this message have been removed]

# 12884. Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 06:26:40 UTC
From: n9cv
Topic: 12852  Message: 12884

In message 12850 Eric (VK2KUR) said he ordered an ATAS-100 from ZL land at $US320. That is only about $20 higher than here. I convert that to be $AU615.00, so your estimate of $AU700.00 is not far off. I do not know if you have to pay an import tax on top of that when it enters the county from New Zealand. I have seen the ATAS-100 on special here for as low as $US269.00, but that has not been recently. Prices usually go down for Dayton Hamvention week in May.

I realize there are better screwdriver antennas on the market, but the ATAS-100 is a good, compact, easy to use all round HF antenna. Forget it for 80 meters, 2 meters, or 440 mhz. The size and easy / automatic tuning from the FT-100 control head was the primary reason I got the FT-100 instead of the ICOM 706. My ATAS-100 makes it through my 7 foot (2 meter) garage door with out removal from my Chevrolet S-10 Blazer (small SUV).

I have no complaints with this antenna. Working DX is not problem, I have worked (from my mobile) stations all over the world using the ATAS 100. It amazes me how often I can get in a pile up and compete with the bigger fixed stations. I am primarily on 20 or 17 meters, but have used it on all bands from 6 to 40 meters.

I do have a receive problem that only seems to affect Australia. I have received QSL cards from eight or nine Europian and Asiatic Russians, Bulgaria, Jordan, Isreal, Georgia, New Zealand, Japan, Antartica, and the list goes on and on. I haven't really checked, but I am close to DXCC (mobile) with this combination. All of these were worked mobile using the ATAS-100 / FT-100 since July 2001.

The Aussie receive problem I have is: the QSOs are fine both ways between here and Australia, but I never seem to be able to receive QSL cards. It may be that Aussies spend so much time trying to operate those locally manufactured screwdriver antennas, that they are totally exhausted when it comes time to put a return card in the mail. HI HI

I just had to throw in that dig because for some reason I never get cards from VK land. The last Aussie I talked to was during the Olympics. It turns out that your Olympic television broadcasts were delayed, so I gave him the results of several events before they were shown on TV. He also could have gotten the same information on the Internet if he wanted.

73. Enjoy your FT-100. I love mine.

Ken - N9CV

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> In a recent posting, someone wondered why the Australian
Distributor for
> Yaesu is not importing the ATAS-100 mobile antenna system.
>
> I think it is because it would probably end up being priced around
$850 -
> $900 AUS including mounting kit or around $700 AUS for the antenna
alone.

# 12885. Re: Reality

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 06:50:36 UTC
From: n9cv
Topic: 12824  Message: 12885

If you go directly to step 4, then step 4 should be
called "preventative maintenance" instead of "repair". If you go
through the five steps sequentially from 1 to 5, then step 4 is
correctly named "repair". I would much rather do "P.M."
than "repair" any day.

Ken - N9CV_

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> The key point is that the FT-100 / FT-100D has two inherent design
> flaws. It's just that simple.
>
> The typical new owner, if he doesn't have prior exposure to this
> bulletin board, goes through the same phases:
>
> 1) Discovery
> 2) Denial
> 3) Rationalization
> 4) Repair
> 5) Appreciation
>
> Guess you could call it the 5 step FT-100(D) program.
> The more fortunate hams skip right past the first 3 steps and just
> do the repair and get on the air.
>
> N6AF Chas

# 12886. Re: FT100 rx/tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 07:11:19 UTC
From: n9cv
Topic: 12803  Message: 12886

Thanks Eric.

I stole the following info from a message by VE7BAQ appended here.
After going to the referenced web site, I realized that I counted the
mic connector pins backward.

IT IS REALLY PINS 4 and 6.

If Luiz (PY4BYE) comes back he will now have a direct reference on
the web to the picture of the microphone connector.

The following is VE7BAQ's append:

From: "ve7baq" <carls@c...>
Date: Tue Mar 12, 2002 12:55 pm
Subject: Mike Button Connections

Regarding the mike button resistor values listed in the previous
posts, there is a clear picture of the hookup and mike connector
designation (Grd, SW1, SW2) at www.mods.dk
Also a picture of the mike jack pinouts.
Just click on Yaesu and go to FT-100.
Einar VE7BAQ

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Ken,
>
> yes, that is correct, 27K between SW1 and Gnd will make the PTT
operate.
>
> 73....Eric.
>
> -----Original Message-----
> From: n9cv [mailto:kgb@i...]
> Sent: Tuesday, 12 March 2002 7:58 PM
> To: FT100@y...
> Subject: [FT100] Re: FT100 rx/tx
>
>
> Eric,
>
> If I read your post correctly, to get the following functions a
> resistance is applied between pin 4 (ground) and pin 6 (SW1) of
the
> microphone connector.
>
> PTT - 27K ohms

> DOWN - 66K ohms (27K + 39K)
> UP - 148k ohms (27K + 39k + 82K)
> ACC - 368K ohms (27k + 39K + 82K + 220K)
>
> If this is true, then Luiz Carlos could temporarily test the PTT
> function of his radio by simply applying a 27K ohm resistor
between
> pin 4 and pin 6 of the microphone connector. If the FT-100 goes
into
> transmit with the resistor connected, the problem is in the
> microphone. If it does not transmit then the problem is in the
radio.
>
> Please advise me if this is correct, before we suggest it to Luiz
> Carlos.
>

> Ken - N9CV
>
]

# 12887. N9CV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 07:55:29 UTC
From: Alek Petkovic
Topic: 12887  Message: 12887

Ken, I tried to reply to you direct but kgb@... bounced.

Talk to me simplex mate.

73, Alek. VK6APK
vk6apk@...

# 12888. Re: FT-100 to FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 05:04:21 UTC
From: ft100guy
Topic: 12844  Message: 12888

--- In FT100@y..., n8uvq@j... wrote:
> I HAVE to send my FT-100 in for warranty repairs. While speaking
with
> a technician he suggested having the rig updated to the FT-100D
version.
> Has anyone on the list done this? Other than the TCXO-8 unit, and
the
> case & speaker change, what else is done? And the next question,
> does anyone have an approximate fee for this upgrade?
>
> As an FYI for the list, the tech said warranty repair turn around is
> between
> three and four weeks.
>
> Thanks for your input.
>

Forget it,

Your money would be better spent on an aftermarket speaker like an amplified motorola or if you like DSP, get the clearspeech dsp. As far as filters go, get the 500hz cw if you like that mode and definitely get the am filter as it really makes the radio kick ass as a swl rx.
The TCXO is a waste of money as I found mine to be rock solid with or without it. The tone board is a definite add on as it makes finding tones on the output of repeaters easier fer sure.
I added all of those toys in mine while it was apart for the strap mod. If you care to add these items in yourself, its not too hard but a steady soldering hand is a must for the filters and you will have to dig into the radio to do it.(Take a look in the archives for my pix to see if you are man enuff) The best way to sum it up is:

"Pregnant women, persons with heart ailments and small children should not board this ride."

If its going in for the mods, then have them chuck the options in that you want, with the exception of the down time (6-8 weeks) they are fair on the install price.. Regards.. Richy N2ZD

# 12889. Re: a burning question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 05:22:28 UTC
From: ft100guy
Topic: 12875  Message: 12889

--- In FT100@y..., John Farley <johnfar@t...> wrote:
> hi all
> having done all the standard mods some time ago and now
blissfully
> confident that all is well with the radio it comes as a surprise to
hear that
> failure of the V/UHF output may not be due only to heat .
> i would like to hear if anyone who has done the fan mod has
in fact
> blown the V/UHF final or is the prob still confined to those who
have not.
> my radio runs in my mobile all day and spends a lot of its
time on
> vhf
> so as you can imagine im more than curious. The other option of
course is
> to flogg
> the thing off now its out of warranty and buy a new one..
> cheers john vk2khz

Hi John,

IMHO I cant recall but the failure number is small (radios with the fan mod). The main problem is use, the more you use it there (uhf vhf) the greater the chance of damage or wear and tear leading to damage. If one were to wait too long to do the mod, the damage may be already done and the final on its last leg.
I would bet that most are taken out by failure of other components mentioned also. Regulators etc.. If they overheat as well, spikes occurring during their failure can cause damage. Most that report final failures say that the side of the radio gets hot while idling in RX. I never had that occur on mine so I suspect that some failures of the final are related to inadequate cooling of the final and other failures occur from surrounding/supporting component failures.
Regards.. Richy N2ZD

# 12890. Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 05:09:17 UTC
From: ft100guy
Topic: 12852  Message: 12890

In addition the Atas has been known to fail when used "upside down"
as this stresses the coil.. :-) Regards.. Richy N2ZD

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> In a recent posting, someone wondered why the Australian
Distributor for
> Yaesu is not importing the ATAS-100 mobile antenna system.
>
> I think it is because it would probably end up being priced around
$850 -
> $900 AUS including mounting kit or around $700 AUS for the antenna
alone.
> This would put it right out of contention as far as sales in this
country
> are concerned. Those estimates are conservative. The $840 you pay
for the
> FT-100 in the US equates to about $1615 AUS. The price in Australia
for the
> FT-100 is currently at $2000.00 AUS or $1040 US. A month or two
ago, it was
> closer to $2500 AUS
>
> Nobody would pay that sort of money for a toy antenna in this
country.
>
> We have several antenna manufacturers in this country who produce
far
> better antennas at far better prices. The distributor is no doubt
aware of
> this fact and hence has chosen not to sell and support the ATAS-100.
>
> To all those of you who are using the ATAS, sorry about the "toy
antenna"
> dig. It's a thing we Aussies do. Hi hi. I'm sure it's a great
antenna.
>
> 73, Alek.
> VK6APK
>
> ps, As a matter of interest, I think the Icom IC-706Mk2G is still
well over
> $3000.00 AUS here. That's why we buy Yaesu.

# 12891. Re: Mobile radios comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 05:40:17 UTC
From: ft100guy
Topic: 12868  Message: 12891

--- In FT100@y..., Saad Mahaini <Saad.Mahaini@w...> wrote:
> Hello,
>
> I've seen quite a bit of comparisons here between the 100D and 706 running
> mobile, but how about the Kwd TS-B2000. Anyone with experience running this
> radio mobile that will like to share with us please.
>
> 73s Saad N5FF

Hi Saad,

Getting ready to install one now with the rc2000 control head, I will report back with my opinions. Be advised they are hard to come by now as the new lower price and free rc2000 completely depleted stock at almost all retailers.. Kenwood reported back that the next batch is due out in the summer..

Be advised, its a big radio to go mobile with. Its size is the exact dimensions of the 430,440,450 radios. Hard to hide for sure!!

So far in bench testing it, the radio has a real nice RX and dsp is very good. The tuner is not like the older Kenwood tuners but the newer relay driven type (ugh) it works ok though. Most features are intuitive but a Kenwood sponsored TS-2000 five day course would be helpful as the radio does alot more than a dope like me can figure out.

If you have the room for its "non-mobile friendly" dimensions its a nice rig, but wait to see if Yaesu counteracts with a price drop of their own on the FT100D or 847. The FT100(d) is hard to compare though, if you have a good one like I did, the radio is hard to beat for its size and performance. I worked 1000's of contacts on my FT100. Its quirky but a joy to use and hard to beat when its set up properly. Size aside though, my TSB-2000 so far is sweeeet!!
Regards.. Richy N2ZD

# 12892. Re: [FT100] ATAS/HamSticks on 40M, was Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 01:07:57 UTC
From: Bill Reid- VE3VWD
Topic: 12824  Message: 12892

Take out one of the bolts for the roof rack and drill out the threaded bolt
then feed your cable through that way. You can ground to the inside of the
roof. I sliced off some of the cable covering exposing the braid (about
1/4") , opened a ring terminal and crimped it loosely around the cable Then
I soldered it to the braid, connected the ring terminal to a ground on an
inside roof beam under the liner. No one will ever be the wiser to the
hole. But works great !
Only good on vehicles with roof racks though hihi!

Bill

At 12/03/2002 02:02 PM Tuesday, you wrote:
>Ah, there's the rub. Since the photo was taken, I have run a ground
>braid (two No 8 conductors) from a large diameter spade lug that goes
>around the SO-239 itself, down to the same screw hole in the luggage
>rack that you see in the photo... a direct connection, bypassing the
>hinges and tilt. I really can't bring myself to drill a hole into the
>body, though.
>
>That's why I was thinking of the K400, that clamps directly to the
>metal of the hatch. With the ATAS tied to one corner of the car, I
>just point the car in the direction I want maximum gain. :-)
>
>Five years back I ran a 706 and an outbacker on a K400 3/8-24 mount
>on the trunk of my Toyota Corolla. _That_ would load on 40.
>
><http://www.rfparts.com/diamond/k601.html#400>http://www.rfparts.com/diamond/k601.html#40
0
>
>Bill
>W1PA
>
>
>--- In FT100@y..., "David F. Morse" <dfmorse@q...> wrote:
> > ----------------------
> > Bill; I'm using a similar method of mounting (K9000 motor).
>However,
> > I used 1 inch strap direct from the bottom of the atas-100 to the
> > roof. Yes, I did drill a hole in roof and mounted a feed thru for
> > coax feed. Loads great. Those K type mounts are coated and u need
>to
> > get to bare metal. You might try using say 1/2inch braid strap for
>a
> > lower impedance match; the stupid antenna stops working at 3:1 vswr.
> > David in Denver

> > k0dar
> > //////////////////////
> > >
>
>
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[Non-text portions of this message have been removed]

# 12893. RE: [FT100] ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 12:57:16 UTC
From: Eric van de Weyer
Topic: 12852  Message: 12893

Hi Alek,

it was I who raised the issue of the ATAS-100 in Australia and, contrary to your suggestion, the price was not the reason that DSE does not import it. I actually spoke to Chris Ayres (who looks after all Amateur related things at DSE) at the Wyong field day and he told me that there was some problem with getting approval in this country for the antenna because it has a motor in it. I can't remember the exact things he said although I had heard something along this line before. Because the bean counters thought that they would have to get the antenna specially tested, they decided to just not import it.

I bought my FT-100D in early December and paid around A$2500.00 for it. At the same time the IC706MkIIG was around A$2900.00. I have not regretted my decision as it is a supurb radio.

I have also just ordered an ATAS-100 from the distributors in ZL as they have no problem stocking it and will happily sell it to me. It is costing me NZ$840 pluss P&P of about NZ$44. this will equate to about A$700. This is on par with the US price of around US$320.

From all I have heard/read about this antenna, it is a good unit and is designed to work with the FT100 rigs. Is is not the same as some of the other "screwdriver" style antennae available in this country as it has electronics in it to control it from the FT100. It also appears to be considerably slimmer than any other antenna of this type that I have seen.

I am awaiting keenly the arrival of my new toy. I may be the first to get one, I don't know but I am fairly sure I won't be disappointed when it does arrive.

73....Eric VK2KUR
-----Original Message-----
From: Alek Petkovic [mailto:vk6apk@...]
Sent: Wednesday, 13 March 2002 12:22 AM
To: FT100@...
Subject: [FT100] ATAS Downunder

In a recent posting, someone wondered why the Australian Distributor for Yaesu is not importing the ATAS-100 mobile antenna system.

I think it is because it would probably end up being priced around $850 - $900 AUS including mounting kit or around $700 AUS for the antenna alone. This would put it right out of contention as far as sales in this country are concerned. Those estimates are conservative. The $840 you pay for the FT-100 in the US equates to about $1615 AUS. The price in Australia for the

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To all those of you who are using the ATAS, sorry about the "toy antenna" dig. It's a thing we Aussies do. Hi hi. I'm sure it's a great antenna.

73, Alek.
VK6APK

ps, As a matter of interest, I think the Icom IC-706Mk2G is still well over
$3000.00 AUS here. That's why we buy Yaesu.

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[Non-text portions of this message have been removed]

# 12894. RE: [FT100] Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 13:19:00 UTC
From: Eric van de Weyer
Topic: 12852  Message: 12894

Hi Ken,

unfortunately we Aussies have a bad reputation for QSLing.

I personally QSL every new contact as I believe that it is a courteous thing to do as well as getting pleasure myself from receiving them but a lot of VKs just don't care and don't QSL at all. I'm affraid that it a shame that I have to live with.

You can be certain that if we ever have a contact on air, you WILL get a card from me.

73....Eric VK2KUR.

-----Original Message-----
From: n9cv [mailto:kgb@...]
Sent: Wednesday, 13 March 2002 5:27 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS Downunder

In message 12850 Eric (VK2KUR) said he ordered an ATAS-100 from ZL land at $US320. That is only about $20 higher than here. I convert that to be $AU615.00, so your estimate of $AU700.00 is not far off. I do not know if you have to pay an import tax on top of that when it enters the county from New Zealand. I have seen the ATAS-100 on special here for as low as $US269.00, but that has not been recently. Prices usually go down for Dayton Hamvention week in May.

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73. Enjoy your FT-100. I love mine.

Ken - N9CV

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[Non-text portions of this message have been removed]

# 12895. RE: [FT100] N9CV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 13:21:21 UTC
From: Eric van de Weyer
Topic: 12887  Message: 12895

I actually had the same problem with one message.

73....Eric VK2KUR
-----Original Message-----
From: Alek Petkovic [mailto:vk6apk@...]
Sent: Wednesday, 13 March 2002 6:55 PM
To: FT100@...
Subject: [FT100] N9CV

Ken, I tried to reply to you direct but kgb@... bounced.

Talk to me simplex mate.

73, Alek. VK6APK
vk6apk@...

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12896. RE: [FT100] Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 13:23:46 UTC
From: Eric van de Weyer
Topic: 12852  Message: 12896

Aahh! Now that sounds more plausible!. Eric VK2KUR.
-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Wednesday, 13 March 2002 4:09 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS Downunder

In addition the Atas has been known to fail when used "upside down"
as this stresses the coil.. :-) Regards.. Richy N2ZD

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> In a recent posting, someone wondered why the Australian
Distributor for
> Yaesu is not importing the ATAS-100 mobile antenna system.
>
> I think it is because it would probably end up being priced around
$850 -
> $900 AUS including mounting kit or around $700 AUS for the antenna
alone.
> This would put it right out of contention as far as sales in this
country
> are concerned. Those estimates are conservative. The $840 you pay
for the
> FT-100 in the US equates to about $1615 AUS. The price in Australia
for the
> FT-100 is currently at $2000.00 AUS or $1040 US. A month or two
ago, it was
> closer to $2500 AUS
>
> Nobody would pay that sort of money for a toy antenna in this
country.
>
> We have several antenna manufacturers in this country who produce
far
> better antennas at far better prices. The distributor is no doubt
aware of
> this fact and hence has chosen not to sell and support the ATAS-100.
>
> To all those of you who are using the ATAS, sorry about the "toy
antenna"
> dig. It's a thing we Aussies do. Hi hi. I'm sure it's a great
antenna.
>
> 73, Alek.
> VK6APK

>
> ps, As a matter of interest, I think the Icom IC-706Mk2G is still
well over
> $3000.00 AUS here. That's why we buy Yaesu.

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 12897. Re: Reality

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 14:20:19 UTC
From: backhoefade
Topic: 12824  Message: 12897

Ok - I retract everything I said except for the following:

"The key point is that the FT-100 / FT-100D has two inherent design
flaws. It's just that simple."

# 12898. Re: New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 14:50:22 UTC
From: Bob Evans
Topic: 12872  Message: 12898

Alex,

The jumper settings are on page 8 of the RigBlaster manual. I'd list mine for you, but I use the RJ model and it is probably different than the "standard" unit, which you probably have. I don't know if the website has any settings.

The logic of the jumpers is that it is trying to accomplish two things:
1. Tie the microphone input to the microphone output cable.
2. Jumper in the audio from/to your sound card.

So even if you have no schematic, settings or anything, you could use your VOM to trace out the connections from P1A(input) to P1B(output)for the proper pins. The RigBlaster circuit board is well marked.

Finally, for one of my other rigs that I switch to, I just use the VOX setting so I don't have to change the jumpers. That works quite well and you only have to get mic connections right without worrying about the PTT.

Good luck,
Bob K5WA

>>Message: 12
>> Date: Tue, 12 Mar 2002 20:26:19 -0500
>> From: "Alex Turner" <aturner13@...>
>>Subject: Re: New Owner and PSK31
>>
>>Bob,thanks for responding. I did not have the correct jumper settings for
>>the FT-100D. Had a heck of a time getting them for the FT-817 and frankly
I
>>thought the 100 would work with everything set for the 817,but maybe not.
>>Is the correct jumper on the RigBlaster site I didn't see it Monday.
>>It seems to be with the interface since the rig is ok otherwise.
>>
>>Thanks
>>Alex N4BYJ

# 12899. Before and after AM filter observations and general notes.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 15:33:29 UTC
From: recurve95
Topic: 12899  Message: 12899

Hi Group,

I ordered the 100d a few weeks ago and received (very rapidly by the way from HRO) it in fine shape. The serial number I got was 1Ixxxxxxxxxx...2001 production. I also ordered the AM filter at the time, but it had to come from another HRO store, so it was a week later comming in than the radio. That gave me time to put the rig in the shack for a shake down on the regular shack antenna...a full wave 80 meter loop at 40 ft. I opened up the rig and the SWR mod was done very well...not just the sticky copper tape, but a strap soldered to some RF shielding and screwed to the main rib at the center of the radio. While the radio was open, I did the fan mod. Very easy to do. I ended up using two 100 ohm resistors in parallel. I installed one side with a soldered on ring connector, and the other side went to one of the black ground wires for the fans. Buttoned everything back up and all was well. The fans run as described in the mod.

The performace of the radio on the ham bands is just short of amazing. RX is very good in comparison to my old trusty Icom 751. I hear stations as well or better on the 100d. DSP works very well, and the adjustable DSP filter settings do a good job. I did notice that the front end of the radio is broad on rx. The first tip off was in reception of WWV on 10.00 mhz. There were some shortwave stations along with the reception i expected to hear. Tuning to the fm broadcast band was a bit disappointing. I live very close to a local "megawatt" fm station and it was being received all through the fm band. No doubt that the high gain antenna I have for 2 meter use was not helping matters. I plan on doing some testing once I am out in the mobile to see if it improves. After a call to HRO about the fm broadcast rx "intermod", I learned that Icom and Yaesu only guarantee the their specifications to ham band only. I also learned that the 706 does about the same or worse in regard to fm broadcast rx.

When the AM filter arrived, I installed it in the radio. Its a job that requires a bit of work to take the radio apart...about 5 micro coax connectors and a few ribbon cables to remove, remove the screws and out the board comes. A digi camera or a diagram would make this job easier for those of you leery of doing the job yourself. Once the board is out, the filter drops right it and solders to the board. I would not recommend this filter installation to "first timers" for mods or soldering, you would be better off letting someone else do it that has done it before. While the board was out, I took the time to scrape off the green coating around the screw holes. There have been several postings on the group about the somewhat poor grounding connections at these screws, and now is the

time to do it once the board is out. WIth the paint off, the copper ground plane was exposed and I tinned this with my soldering iron. Everything went back together FB. The radio worked fine after the install of the filter. The interference on 10 mhz WWV was gone after the filter install. Selecting the am filter to OFF, on the menu confirmed that the interference was still there, but when the 6kc filter is inline, it removed it. Very worthwhile filter to have. It does help out also on AM broadcast rx.

The last mod I did was the "mike mod" Its easy to do, and can be found in the file section of this group. THe audio reports I got were good before the mike mod, but after the mod, they were excellent.

Now, I am in the process of installing the 100d in my truck...a silverado pickup. The install will take some time as I can only do this as my "day job" allows. But I can tell you that I really miss running the 100d in the shack. After about 2 weeks of "base" use, I think its a much better performer than my old 751 is on RX. The icom 751 was no slouch on RX by the way. It just underscores the improvements made using todays technology vs. 1980s technology. SSB TX on the 100d gives excellent audio reports with the default settings. All contacts I made prefer the TX audio on the 100d to the 751. The AM TX audio on the 100d is much improved by changing the default settings for the AM CARRIER level in the hidden F menu. Those settings can be found elsewhere on the net, but I can provide the settings I use for those interested. I probably made 40 to 50 contacts with it in 2 weeks with excellent results. I am very pleased with the performace of the radio "out of the box". With the addition of the AM filter, some very basic mods that were easy to do, and common sense operation, I am still very pleased with the 100d and would recommend this radio to anyone considering it for mobile. THe plan is to finish the radio install in the truck and run it into a screwdriver style antenna made by Tarheel antennas. I'll have the antenna ready to install soon.

Thank you to those of you that took time with me on the air to do comparisons to the icom and to compare the DSP mike settings on the 100d. The last comment ill make in this post is that
the "compressor" or speech processor is just like any other speech processor that I have heard on the air. It works fine for DX when you need somewhat "punchy" audio, but sounds best off for normal ragchewing.

Dave
N5XL

# 12900. Re: [FT100] SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 15:37:45 UTC
From: Pres Waterman
Topic: 12859  Message: 12900

> They should have made the O a smiley faced O instead.

I'm thinking a CHECK MARK.

But it's all idle musings, isn't it?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12901. Re: SWR Icon question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 15:53:54 UTC
From: w1pa
Topic: 12859  Message: 12901

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
>
> > They should have made the O a smiley faced O instead.
>
>
> I'm thinking a CHECK MARK.
>
> But it's all idle musings, isn't it?
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!

Another idle musing...

The other thing that I noticed with the icons... at one point
someone said that the tuning icon showed the direction that the ATAS
was moving, and we all poo-poo'd 'em.

Well, he was right. if you watch very closely as the ATAS tunes, the
animated icon _does_ show direction. It is not very clear because the
animations are only three frames each...

```
*||*||
|*||*|
||*||*
```

vs

```
||*||*
|*||*|
*||*||
```

Bill
W1PA

# 12902. [Fwd: Re: [FT100] Disabling the V/U PA.]

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 17:09:59 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12902  Message: 12902

Dr. Gerald N. Johnson, electrical engineer wrote:
>
> Before opening the gate chokes you may want to be sure there is a
> reasonably low value resistor to ground on the gate side of the circuit
> opening, so the gates can't accumulate charge from the air movement or
> finger contact. In this case any finite value is reasonably low.
>
> 73, Jerry, K0CQ
> --
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> permission only.

# 12903. Re: [Fwd: Re: [FT100] Disabling the V/U PA.]

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 17:20:25 UTC
From: Mike May
Topic: 12902  Message: 12903

On the gate side close to the device there are resistors from each gate lead to ground that are still in the circuit when the gate chokes are removed, I don't remember the value but they are on the back side of the PWB.

Mike
"Dr. Gerald N. Johnson, electrical engineer" wrote:

> Dr. Gerald N. Johnson, electrical engineer wrote:
> >
> > Before opening the gate chokes you may want to be sure there is a
> > reasonably low value resistor to ground on the gate side of the
> circuit
> > opening, so the gates can't accumulate charge from the air movement
> or
> > finger contact. In this case any finite value is reasonably low.
> >
> > 73, Jerry, K0CQ
> > --
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>
> We are all a part of this Lets make it as good as possible.
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[Non-text portions of this message have been removed]

# 12904. Re: [FT100] Re: New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 19:27:19 UTC
From: Alex Turner
Topic: 12872  Message: 12904

Ok,Bob,thanks. I'll try the VOX, The setup works grat with the FT-817 and according to both manuals they use the same signals and Pins, but the darn 100D refuses to key from the RigBlaster,

73
Alex N4BYJ
----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Wednesday, March 13, 2002 9:50 AM
Subject: [FT100] Re: New Owner and PSK31

Alex,

The jumper settings are on page 8 of the RigBlaster manual. I'd list mine for you, but I use the RJ model and it is probably different than the "standard" unit, which you probably have. I don't know if the website has any settings.

The logic of the jumpers is that it is trying to accomplish two things:
1. Tie the microphone input to the microphone output cable.
2. Jumper in the audio from/to your sound card.

So even if you have no schematic, settings or anything, you could use your VOM to trace out the connections from P1A(input) to P1B(output)for the proper pins. The RigBlaster circuit board is well marked.

Finally, for one of my other rigs that I switch to, I just use the VOX setting so I don't have to change the jumpers. That works quite well and you only have to get mic connections right without worrying about the PTT.

Good luck,
Bob K5WA

>>Message: 12
>> Date: Tue, 12 Mar 2002 20:26:19 -0500
>> From: "Alex Turner" <aturner13@...>
>>Subject: Re: New Owner and PSK31
>>
>>Bob,thanks for responding. I did not have the correct jumper settings
for
>>the FT-100D. Had a heck of a time getting them for the FT-817 and
frankly
I
>>thought the 100 would work with everything set for the 817,but maybe
not.
>>Is the correct jumper on the RigBlaster site I didn't see it Monday.

>>It seems to be with the interface since the rig is ok otherwise.
>>
>>Thanks
>>Alex N4BYJ

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[Non-text portions of this message have been removed]

# 12905. Re: [Fwd: Re: [FT100] Disabling the V/U PA.]

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 19:40:59 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12902  Message: 12905

Mike May wrote:
>
> On the gate side close to the device there are resistors from each gate
> lead to ground that are still in the circuit when the gate chokes are
> removed, I don't remember the value but they are on the back side of the
> PWB.
>
> Mike

That's good. It was worth checking to be sure.

73, Jerry, K0CQ

--
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# 12906. RE: [Fwd: Re: [FT100] Disabling the V/U PA.]

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 19:58:38 UTC
From: Cliff Bryant
Topic: 12902  Message: 12906

I just gotta know! Are you claiming copyright to Mike's email as well?
:-)

Cliff

PS Isn't 73 prior art and hence excluded?

-----Original Message-----
From: Dr. Gerald N. Johnson, electrical engineer
[mailto:geraldj@...]
Sent: 13 March 2002 19:41
To: Cliff Bryant
Subject: Re: [Fwd: Re: [FT100] Disabling the V/U PA.]

Mike May wrote:
>
> On the gate side close to the device there are resistors from each
gate
> lead to ground that are still in the circuit when the gate chokes are
> removed, I don't remember the value but they are on the back side of
the
> PWB.
>
> Mike

That's good. It was worth checking to be sure.

73, Jerry, K0CQ

--
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permission only.

[Non-text portions of this message have been removed]

# 12907. Re: [Fwd: Re: [FT100] Disabling the V/U PA.]

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 20:35:30 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12902  Message: 12907

The main reason for the notice is to remind certain publishers that internet posts are the property of the original poster, not to be used for publishing books and magazines. It cost me last year to buy a book (conference proceedings) to find I was an author, even though I hadn't made a submission. Had I made a submission, I would have received the book for free.

While the term 73 IS prior art, all individual words I use are also prior art. What is covered by the copyright is the particular selection and order of the word groups.

73, Jerry, K0CQ
--
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# 12908. MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 22:30:33 UTC
From: mike_ketchum2000
Topic: 12908  Message: 12908

I just purchased a CT-69 adapter and MD-100a8x desk mic. I hooked them up right out of the box to my FT-100 and now have very low transmit audio when using the MD-100. When I say low I mean I have to practically swallow the mic to get any descent output. If I switch back the stock mic the audio is right back where it should be with no problems. I turned the mic gain of the radio up to 100 and still same results. Is there anything that needs to be done to the MD-100 for it to work properly or am I missing something?

Thanks,

Mike

# 12909. FT-100 Prices etc

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 23:10:20 UTC
From: ve7baq
Topic: 12909  Message: 12909

I have been reading a few posts re. cost of FT-100 rigs and mobile antennas etc. in the USA and VK and ZL Land.
Just thought I would quote a few prices from a Canadian Dealer.
FT-100D $1549.00 Canadian, Shipping Included in Canada.
IC-706MKII/G $1599 Canadian, Shipping Included in Canada.
ATAS-100 $455.00
ATT3K-100 Antenna Base Mount ☐ $155.00
All prices Canadian Dollars: prices quoted right out of their March Price List.
Einar VE7BAQ FT-100D

# 12910. FT-100 Prices etc

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 23:10:07 UTC
From: ve7baq
Topic: 12909  Message: 12910

I have been reading a few posts re. cost of FT-100 rigs and mobile antennas etc. in the USA and VK and ZL Land.
Just thought I would quote a few prices from a Canadian Dealer.
FT-100D $1549.00 Canadian, Shipping Included in Canada.
IC-706MKII/G $1599 Canadian, Shipping Included in Canada.
ATAS-100 $455.00
ATT3K-100 Antenna Base Mount ☐ $155.00
All prices Canadian Dollars: prices quoted right out of their March Price List.
Einar VE7BAQ FT-100D

# 12911. Re: [FT100] Before and after AM filter observations and general notes.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 23:30:52 UTC
From: Alek Petkovic
Topic: 12899  Message: 12911

Wonderful, wonderful, wonderful!

Thanks Dave, your sentiments are echoed by all of us who have the pleasure
to own and use the FT-100 miracle.

73, Alek.
VK6APK

At 03:33 PM 13-03-02 +0000, you wrote:
>Hi Group,
>
>I ordered the 100d a few weeks ago and received (very rapidly by the
>way from HRO) it in fine shape. The serial number I got was
>1Ixxxxxxxxx...2001 production. I also ordered the AM filter at the
>time, but it had to come from another HRO store, so it was a week
>later comming in than the radio. That gave me time to put the rig in
>the shack for a shake down on the regular shack antenna...a full wave
>80 meter loop at 40 ft. I opened up the rig and the SWR mod was done
>very well...not just the sticky copper tape, but a strap soldered to
>some RF shielding and screwed to the main rib at the center of the
>radio. While the radio was open, I did the fan mod. Very easy to
>do. I ended up using two 100 ohm resistors in parallel. I installed
>one side with a soldered on ring connector, and the other side went
>to one of the black ground wires for the fans. Buttoned everything
>back up and all was well. The fans run as described in the mod.
>
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>amazing. RX is very good in comparison to my old trusty Icom 751. I
>hear stations as well or better on the 100d. DSP works very well,
>and the adjustable DSP filter settings do a good job. I did notice
>that the front end of the radio is broad on rx. The first tip off
>was in reception of WWV on 10.00 mhz. There were some shortwave
>stations along with the reception i expected to hear. Tuning to the
>fm broadcast band was a bit disappointing. I live very close to a
>local "megawatt" fm station and it was being received all through the
>fm band. No doubt that the high gain antenna I have for 2 meter use
>was not helping matters. I plan on doing some testing once I am out
>in the mobile to see if it improves. After a call to HRO about the
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>guarantee the their specifications to ham band only. I also learned
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>time to do it once the board is out. WIth the paint off, the copper
>ground plane was exposed and I tinned this with my soldering iron.
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>install of the filter. The interference on 10 mhz WWV was gone after
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>filter is inline, it removed it. Very worthwhile filter to have. It
>does help out also on AM broadcast rx.
>
>The last mod I did was the "mike mod" Its easy to do, and can be
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>were good before the mike mod, but after the mod, they were excellent.
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>silverado pickup. The install will take some time as I can only do
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>running the 100d in the shack. After about 2 weeks of "base" use, I
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>751. The AM TX audio on the 100d is much improved by changing the
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>processor that I have heard on the air. It works fine for DX when
>you need somewhat "punchy" audio, but sounds best off for normal

>ragchewing.
>
>
>Dave
>N5XL
>
>
>
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>Unsubscribe: FT100-unsubscribe@yahoogroups.com
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>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
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# 12912. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 01:16:31 UTC
From: backhoefade
Topic: 12908  Message: 12912

Yes - you will need an impedance step-down pre-amp in order to make it work. Go to http://hometown.aol.com/ampmicro and you'll see what I mean. Until you do that the audio will be weak and very muffled due to the effective low-pass roll-off of you mic input to the rig. Too bad Yaesu doesn't make it clear that the MD-100 mic is not compatible with the FT-100(D). Nor is a slew of other mics with nominally high output Z. The rig has a low Z input. The pre-amp will take care of the impedance transformation. You really don't need any power gain. You just can't have the rig loading down the mic output. Good luck.

N6AF Chas

--- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
> I just purchased a CT-69 adapter and MD-100a8x desk mic. I hooked
> them up right out of the box to my FT-100 and now have very low
> transmit audio when using the MD-100. When I say low I mean I have
to
> practically swallow the mic to get any descent output. If I switch
> back the stock mic the audio is right back where it should be with
no
> problems. I turned the mic gain of the radio up to 100 and still
same
> results. Is there anything that needs to be done to the MD-100 for
it
> to work properly or am I missing something?
>
> Thanks,
>
> Mike

# 12913. Re: Curiosity ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 03:22:21 UTC
From: am_fm_radio
Topic: 12824  Message: 12913

I found that capacitor box from MFJ (MFJ-910) is the best thing to use with the ham sticks. I first bought one 10 years ago and had to replace it this past few months. I started using it with a FT-890AT mobile and now with my FT-100D. The FT-100D did not like the hamstick on 40 without the capacitor.

Larry W8LM
--- In FT100@y..., kb3bmt@j... wrote:
> Think a capacitor box like the MFJ-910 would do the trick? Trying to get
> as much info as possible on this subject, so please don't think I am
> being redundant.
>
> Jim
> KB3BMT
>
> On Tue, 12 Mar 2002 07:42:53 -0800 lhlousek <lhlousek@n...> writes:
> > >The only problem I have encountered is being unable to get an
> > >acceptable SWR on 40 Meters when trying to tune a 40 Meter
> > >HamStick. Anyone have any clues on that?
> >
> >
> > When an electricaly small antenna like a 40 meter HamStick is tuned
> > to resonance
> > the resulting resistance is still too low to yield an acceptable
> > SWR. The
> > intructions that come with the HamStick recommend adding a capacitor
> > between the
> > base of the antenna a ground. Check the instructions for the
> > recommended value.
> >
> > Lou W7DZN
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
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# 12914. Re: Before and after AM filter observations and general notes.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 18:11:48 UTC
From: backhoefade
Topic: 12899  Message: 12914

I've had my "D" for about 15 months and still absolutely love the
receiver. Take a look at my message # 10277 regarding AM operation
if you like AM op. Also, I recall reading somewhere that below
about 2 MHz you need to turn on the "IPO" feature (which bypasses the
low noise front end) to eliminate front end overload. Then you'll
find you have a decent receiver even for commercial AM reception.
I think you might try hitting the IPO feature on the bands where you
have an extremely strong local station getting in your front end.
Enjoy the rig. It's excellent. My only remaining 'complaint' at
this point is the fan noise but I can always throw on the headphones!
N6AF Chas

--- In FT100@y..., "recurve95" <recurve95@y...> wrote:
> Hi Group,
>
> I ordered the 100d a few weeks ago and received (very rapidly by
the
> way from HRO) it in fine shape. The serial number I got was
> 1Ixxxxxxxxx...2001 production. I also ordered the AM filter at
the
> time, but it had to come from another HRO store, so it was a week
> later comming in than the radio. That gave me time to put the rig
in
> the shack for a shake down on the regular shack antenna...a full
wave
> 80 meter loop at 40 ft. I opened up the rig and the SWR mod was
done
> very well...not just the sticky copper tape, but a strap soldered
to
> some RF shielding and screwed to the main rib at the center of the
> radio. While the radio was open, I did the fan mod. Very easy to
> do. I ended up using two 100 ohm resistors in parallel. I
installed
> one side with a soldered on ring connector, and the other side went
> to one of the black ground wires for the fans. Buttoned everything
> back up and all was well. The fans run as described in the mod.
>
> The performace of the radio on the ham bands is just short of
> amazing. RX is very good in comparison to my old trusty Icom 751.
I
> hear stations as well or better on the 100d. DSP works very well,
> and the adjustable DSP filter settings do a good job. I did notice
> that the front end of the radio is broad on rx. The first tip off
> was in reception of WWV on 10.00 mhz. There were some shortwave
> stations along with the reception i expected to hear. Tuning to

the
> fm broadcast band was a bit disappointing. I live very close to a
> local "megawatt" fm station and it was being received all through
the
> fm band. No doubt that the high gain antenna I have for 2 meter
use
> was not helping matters. I plan on doing some testing once I am
out
> in the mobile to see if it improves. After a call to HRO about the
> fm broadcast rx "intermod", I learned that Icom and Yaesu only
> guarantee the their specifications to ham band only. I also
learned
> that the 706 does about the same or worse in regard to fm broadcast
> rx.
>
> When the AM filter arrived, I installed it in the radio. Its a job
> that requires a bit of work to take the radio apart...about 5 micro
> coax connectors and a few ribbon cables to remove, remove the
screws
> and out the board comes. A digi camera or a diagram would make
this
> job easier for those of you leery of doing the job yourself. Once
> the board is out, the filter drops right it and solders to the
> board. I would not recommend this filter installation to "first
> timers" for mods or soldering, you would be better off letting
> someone else do it that has done it before. While the board was
out,
> I took the time to scrape off the green coating around the screw
> holes. There have been several postings on the group about the
> somewhat poor grounding connections at these screws, and now is the
> time to do it once the board is out. WIth the paint off, the
copper
> ground plane was exposed and I tinned this with my soldering iron.
> Everything went back together FB. The radio worked fine after the
> install of the filter. The interference on 10 mhz WWV was gone
after
> the filter install. Selecting the am filter to OFF, on the menu
> confirmed that the interference was still there, but when the 6kc
> filter is inline, it removed it. Very worthwhile filter to have.
It
> does help out also on AM broadcast rx.
>
> The last mod I did was the "mike mod" Its easy to do, and can be
> found in the file section of this group. THe audio reports I got
> were good before the mike mod, but after the mod, they were
excellent.
>
> Now, I am in the process of installing the 100d in my truck...a
> silverado pickup. The install will take some time as I can only do
> this as my "day job" allows. But I can tell you that I really miss

> running the 100d in the shack. After about 2 weeks of "base" use,
I
> think its a much better performer than my old 751 is on RX. The
icom
> 751 was no slouch on RX by the way. It just underscores the
> improvements made using todays technology vs. 1980s technology.
SSB
> TX on the 100d gives excellent audio reports with the default
> settings. All contacts I made prefer the TX audio on the 100d to
the
> 751. The AM TX audio on the 100d is much improved by changing the
> default settings for the AM CARRIER level in the hidden F menu.
> Those settings can be found elsewhere on the net, but I can provide
> the settings I use for those interested. I probably made 40 to 50
> contacts with it in 2 weeks with excellent results. I am very
> pleased with the performace of the radio "out of the box". With
the
> addition of the AM filter, some very basic mods that were easy to
do,
> and common sense operation, I am still very pleased with the 100d
and
> would recommend this radio to anyone considering it for mobile.
THe
> plan is to finish the radio install in the truck and run it into a
> screwdriver style antenna made by Tarheel antennas. I'll have the
> antenna ready to install soon.
>
> Thank you to those of you that took time with me on the air to do
> comparisons to the icom and to compare the DSP mike settings on the
> 100d. The last comment ill make in this post is that
> the "compressor" or speech processor is just like any other speech
> processor that I have heard on the air. It works fine for DX when
> you need somewhat "punchy" audio, but sounds best off for normal
> ragchewing.
>
>
> Dave
> N5XL

# 12915. PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 20:42:23 UTC
From: Alex Turner
Topic: 12915  Message: 12915

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I am not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I would like to use the Data port since I have a cable already. I am using the RigBlaster Nomic which works great with the FT-817 through it's Data port. The pins are the same, but there seems to be some differences or the Data port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

# 12916. RE: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 20:46:07 UTC
From: Jesse
Topic: 12915  Message: 12916

Works fine here. I use the data port...

Infact. there is a information thingy that shows the psk31 interface I use with my 100 in the files section.

-----Original Message-----
From: Alex Turner [mailto:aturner13@...]
Sent: Thursday, March 14, 2002 2:42 PM
To: FT100@yahoogroups.com
Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I am
not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I would
like to use the Data port since I have a cable already. I am using the
RigBlaster Nomic which works great with the FT-817 through it's Data port.
The pins are the same, but there seems to be some differences or the Data
port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12917. Re: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 21:32:56 UTC
From: Einar Carlsen
Topic: 12915  Message: 12917

I use the Rascal interface from Buscom. It plugs right into the six pin data plug on the back of the FT-100. Comes complete with cables, nothing extra to buy. Plug the com port cable (supplied) into the computer and the six pin plug cable (supplied) into the back of the Ft-100. Works great and they supplied a complete schematic etc. with it. Simply reduce the power output of the rig and go. You may have to adjust the trim pot in the Rascal box to set the level to the proper drive but that's all.

Einar VE7BAQ FT-100D

----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 12:42 PM
Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I am not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I would like to use the Data port since I have a cable already. I am using the RigBlaster Nomic which works great with the FT-817 through it's Data port. The pins are the same, but there seems to be some differences or the Data port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12918. Re: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 23:05:46 UTC
From: Alex Turner
Topic: 12915  Message: 12918

Thanks,Jesse. I'll take a look at it. I assume there are no settings to change in the rig itself. I think the problem is in the RigBlaster,so I'll drag out the scope and see what I can find.
Thanks again.

Alex N4BYJ
----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 3:46 PM
Subject: RE: [FT100] PSK31 and FT-100D

[Non-text portions of this message have been removed]

# 12919. Re: FT-100 Prices etc

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 23:16:29 UTC
From: n9cv
Topic: 12909  Message: 12919

--- In FT100@y..., "ve7baq" <carls@c...> wrote:
> I have been reading a few posts re. cost of FT-100 rigs and mobile
> antennas etc. in the USA and VK and ZL Land.
> Just thought I would quote a few prices from a Canadian Dealer.
> FT-100D $1549.00 Canadian, Shipping Included in Canada.
> IC-706MKII/G $1599 Canadian, Shipping Included in Canada.
> ATAS-100 $455.00
> ATT3K-100 Antenna Base Mount ☐ $155.00
> All prices Canadian Dollars: prices quoted right out of their March
> Price List.
> Einar VE7BAQ FT-100D

I hope the above prices are list and not sale (over the counter) prices. If these are sale prices, I would suggest a road trip (south of the border) on your next radio purchase. Even at the current exchange rate of .62 you would still save several hundred dollars plus the federal and provincial VAT taxes. On my last trip north, I bought a complete set of new Michelin tires because they were considerably cheaper at the Canadian Tire Stores. It looks like radios are cheaper going south. So much for NAFTA. I still haven't figured out who benefitted from NAFTA. It sure does not look like it was the consumer.

Ken - N9CV

# 12920. Re: [FT100] Re: FT-100 Prices etc

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 23:38:39 UTC
From: Einar Carlsen
Topic: 12909  Message: 12920

Don't let us get going on NAFTA agreements! The only ones profiting fro that is the BIG business and we all know who that is!

Einar VE7BAQ

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 15:16 PM
Subject: [FT100] Re: FT-100 Prices etc

--- In FT100@y..., "ve7baq" <carls@c...> wrote:
> I have been reading a few posts re. cost of FT-100 rigs and mobile
> antennas etc. in the USA and VK and ZL Land.
> Just thought I would quote a few prices from a Canadian Dealer.
> FT-100D $1549.00 Canadian, Shipping Included in Canada.
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> ATAS-100 $455.00
> ATT3K-100 Antenna Base Mount - $155.00
> All prices Canadian Dollars: prices quoted right out of their March
> Price List.
> Einar VE7BAQ FT-100D

I hope the above prices are list and not sale (over the counter) prices. If these are sale prices, I would suggest a road trip (south of the border) on your next radio purchase. Even at the current exchange rate of .62 you would still save several hundred dollars plus the federal and provincial VAT taxes. On my last trip north, I bought a complete set of new Michelin tires because they were considerably cheaper at the Canadian Tire Stores. It looks like radios are cheaper going south. So much for NAFTA. I still haven't figured out who benefitted from NAFTA. It sure does not look like it was the consumer.

Ken - N9CV

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# 12921. Re: New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 15:50:17 UTC
From: kg4qqx
Topic: 12872  Message: 12921

I have a similar set up. I've owned an 817 and been using it on PSK31 as well as other digital modes via the Rigblaster, bought an FT-100d a in February and wanted to use the Rigblaster on it. For the sake of expedience I opted to buy the $12 cable from Rigblaster which consisted of an RJ-45 to RJ-11 connector and a new jumper with an inline resistor, as well as a new Jumper diagram (which couldn't be any more different from the jumper settings on the 817.

I would be happy to email out a scanned image of that diagram if anyone is in need....

In any event I found the fact that I had to change jumper settings each time that I swapped radios to be unacceptable. As a result I decided on a new approach.

Firstly I have and use a CT-62 cable for both rigs for CAT control (MixW makes excellent use of this feature on both radios...). I noticed that most interfaces only use a couple of pins on the com port for PTT control (either DTR or RTS and ground) and that coincidentally the CT-62 cable doesn't make any use of the DTR or the RTS pins (it simply ties them together with no useful purpose).

So I purchased a Rascal interface from BuxCom which requires no power supply (less stuff to pack along when away from home) and is much lighter it also has the advantage of making full use of the DATA port on each radio so that a microphone connection isn't needed.

This leaves me with a VERY portable interface which plugs directly into the back of each radio in the same fashion as well as making use of the only existing comm port on my computer for both CAT control and PTT via the interface.

73's
KG4QQX

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Ok,Bob,thanks. I'll try the VOX, The setup works grat with the FT-817 and
> according to both manuals they use the same signals and Pins, but the darn
> 100D refuses to key from the RigBlaster,
>
> 73
> Alex N4BYJ
> ----- Original Message -----
> From: Bob Evans

> To: FT100@y...
> Sent: Wednesday, March 13, 2002 9:50 AM
> Subject: [FT100] Re: New Owner and PSK31
>
>
> Alex,
>
> The jumper settings are on page 8 of the RigBlaster manual. I'd
list mine
> for you, but I use the RJ model and it is probably different
than the
> "standard" unit, which you probably have. I don't know if the
website has
> any settings.
>
> The logic of the jumpers is that it is trying to accomplish two
things:
> 1. Tie the microphone input to the microphone output cable.
> 2. Jumper in the audio from/to your sound card.
>
> So even if you have no schematic, settings or anything, you
could use your
> VOM to trace out the connections from P1A(input) to P1B(output)
for the
> proper pins. The RigBlaster circuit board is well marked.
>
> Finally, for one of my other rigs that I switch to, I just use
the VOX
> setting so I don't have to change the jumpers. That works quite
well and
> you only have to get mic connections right without worrying
about the PTT.
>
> Good luck,
> Bob K5WA
>
>
>
> >>Message: 12
> >> Date: Tue, 12 Mar 2002 20:26:19 -0500
> >> From: "Alex Turner" <aturner13@t...>
> >>Subject: Re: New Owner and PSK31
> >>
> >>Bob,thanks for responding. I did not have the correct jumper
settings
> for
> >>the FT-100D. Had a heck of a time getting them for the FT-817
and
> frankly
> I

> >>thought the 100 would work with everything set for the 817,but
maybe
> not.
> >>Is the correct jumper on the RigBlaster site I didn't see it
Monday.
> >>It seems to be with the interface since the rig is ok
otherwise.
> >>
> >>Thanks
> >>Alex N4BYJ
>
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# 12922. RE: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 23:01:00 UTC
From: Richard W. Solomon
Topic: 12915  Message: 12922

Do they have a web site ? Google just returns lots of garbage on the name.

73, Dick, W1KSZ

-----Original Message-----
From: Einar Carlsen [mailto:carls@...]
Sent: Thursday, March 14, 2002 4:33 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] PSK31 and FT-100D Data Port

I use the Rascal interface from Buscom. It plugs right into the six pin data plug on the back of the FT-100. Comes complete with cables, nothing extra to buy. Plug the com port cable (supplied) into the computer and the six pin plug cable (supplied) into the back of the Ft-100. Works great and they supplied a complete schematic etc. with it. Simply reduce the power output of the rig and go. You may have to adjust the trim pot in the Rascal box to set the level to the proper drive but that's all.

Einar VE7BAQ FT-100D

----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 12:42 PM
Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I am
not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I would like to use the Data port since I have a cable already. I am using the RigBlaster Nomic which works great with the FT-817 through it's Data port. The pins are the same, but there seems to be some differences or the Data port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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# 12923. Re: New Owner and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 21:41:42 UTC
From: kg4qqx
Topic: 12872  Message: 12923

I also recently purchased an FT-100d and wanted to use my rigblaster (also working splendidly on an FT-817)I ended up buying a 12.95 cable from rigblaster which was a modular to smaller modular cable and an additional jumper which had a resistor inline, as well as a diagram of the new jumper layout. I would be happy to scan and email you the diagram if you need it, perhaps you can add your own resistor.

I have recently decided on another option which works with both the 817 and the 100d via the data ports on the back and a BuxComm Rascal. The rascal doesn't need any power supply so it becomes more portable, and the comm port only uses two pins (coincidentally the same two pins that the CT-62 CAT cable doesn't use) and can be integrated into the CT-62 CAT cable so only one port is needed for both CAT and PTT via the Rascal interface. Switch rigs by swapping the Data and Acc plugs. MixW can now change frequency and mode on the radio for me depending on which mode I wish to use, not to mention changing frequency based on my clicking on the DX cluster item of my choice. MixW the never worked so well, or so easily!

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Ok,Bob,thanks. I'll try the VOX, The setup works grat with the FT-817 and
> according to both manuals they use the same signals and Pins, but the darn
> 100D refuses to key from the RigBlaster,
>
> 73
> Alex N4BYJ
> ----- Original Message -----
> From: Bob Evans
> To: FT100@y...
> Sent: Wednesday, March 13, 2002 9:50 AM
> Subject: [FT100] Re: New Owner and PSK31
>
>
> Alex,
>
> The jumper settings are on page 8 of the RigBlaster manual. I'd list mine
> for you, but I use the RJ model and it is probably different than the
> "standard" unit, which you probably have. I don't know if the website has
> any settings.

>
> The logic of the jumpers is that it is trying to accomplish two
things:
> 1. Tie the microphone input to the microphone output cable.
> 2. Jumper in the audio from/to your sound card.
>
> So even if you have no schematic, settings or anything, you
could use your
> VOM to trace out the connections from P1A(input) to P1B(output)
for the
> proper pins. The RigBlaster circuit board is well marked.
>
> Finally, for one of my other rigs that I switch to, I just use
the VOX
> setting so I don't have to change the jumpers. That works quite
well and
> you only have to get mic connections right without worrying
about the PTT.
>
> Good luck,
> Bob K5WA
>
>
>
> >>Message: 12
> >> Date: Tue, 12 Mar 2002 20:26:19 -0500
> >> From: "Alex Turner" <aturner13@t...>
> >>Subject: Re: New Owner and PSK31
> >>
> >>Bob,thanks for responding. I did not have the correct jumper
settings
> for
> >>the FT-100D. Had a heck of a time getting them for the FT-817
and
> frankly
> I
> >>thought the 100 would work with everything set for the 817,but
maybe
> not.
> >>Is the correct jumper on the RigBlaster site I didn't see it
Monday.
> >>It seems to be with the interface since the rig is ok
otherwise.
> >>
> >>Thanks
> >>Alex N4BYJ
>
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>
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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Service.
>
>
>
> [Non-text portions of this message have been removed]

# 12924. Re: [FT100] S/METER...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-13 22:10:22 UTC
From: f5asdjerome@aol.com
Topic: 12924  Message: 12924

How to adjust the S/METER ON VHF/UHF ON THE FT-100???

73'S F5ASD jerome

[Non-text portions of this message have been removed]

# 12925. RE: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-14 21:00:52 UTC
From: Patrick E. Donohue
Topic: 12915  Message: 12925

The data port works fin on both my 817 and my 100d without any
modification to the cable. I did need to change some settings on the
100d to get it to work properly.
Specifically I changed:

Menu 34 to PCt-U
Menu 38 to 0
Menu 39 to 1170

and of course it needs to be in DIG mode to transmit...

Best Regards,
Patrick E. Donohue (KG4QQX)

-----Original Message-----
From: Alex Turner [mailto:aturner13@...]
Sent: Thursday, March 14, 2002 3:42 PM
To: FT100@yahoogroups.com
Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I
am
not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I
would
like to use the Data port since I have a cable already. I am using the
RigBlaster Nomic which works great with the FT-817 through it's Data
port.
The pins are the same, but there seems to be some differences or the
Data
port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 12926. Re: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 03:43:07 UTC
From: Einar Carlsen
Topic: 12915  Message: 12926

Oops Finger trouble again! Misspelled the web site. It is www.buxcommco.com

go to the psk31 page and select the Yaesu interface page.

The one I use is found at

Order No. R-FTMDIN

YAESU FT-817, (FT-90, FT-100, FT-847* ..) and YAESU transceivers having a, 6 pin Mini DIN for data interfacing. This interface utilizes transformer coupling between the PC Sound Card line in/line out, and your transceiver. Automatic PTT is via serial comport and software control. (*Important NOTE: The FT-847* uses this interface for VHF operation only. If you wish to use the FT-847 at HF, see RASCAL model R-3).

Hope this helps

Einar VE7BAQ

----- Original Message -----
From: Richard W. Solomon
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 15:01 PM
Subject: RE: [FT100] PSK31 and FT-100D Data Port

Do they have a web site ? Google just returns lots of garbage on the name.

73, Dick, W1KSZ

-----Original Message-----
From: Einar Carlsen [mailto:carls@...]
Sent: Thursday, March 14, 2002 4:33 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] PSK31 and FT-100D Data Port

I use the Rascal interface from Buscom. It plugs right into the six pin data plug on the back of the FT-100. Comes complete with cables, nothing extra to buy. Plug the com port cable (supplied) into the computer and the six pin plug cable (supplied) into the back of the Ft-100. Works great and they supplied a complete schematic etc. with it. Simply reduce the power output of the rig and go. You may have to adjust the trim pot in the Rascal box to set the level to the proper drive but that's all.

Einar VE7BAQ FT-100D

----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 12:42 PM

Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31. I
am
not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I would
like to use the Data port since I have a cable already. I am using the
RigBlaster Nomic which works great with the FT-817 through it's Data port.
The pins are the same, but there seems to be some differences or the Data
port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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# 12927. RE: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 03:19:21 UTC
From: Doug Fleming
Topic: 12915  Message: 12927

www.packetradio.com

73,
Doug
KF4VTT

-----Original Message-----
From: Richard W. Solomon [mailto:w1ksz@...]
Sent: Thursday, March 14, 2002 6:01 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] PSK31 and FT-100D Data Port

Do they have a web site ? Google just returns lots of garbage on the
name.

73, Dick, W1KSZ

-----Original Message-----
From: Einar Carlsen [mailto:carls@...]
Sent: Thursday, March 14, 2002 4:33 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] PSK31 and FT-100D Data Port

I use the Rascal interface from Buscom. It plugs right into the six pin
data
plug on the back of the FT-100. Comes complete with cables, nothing
extra to
buy. Plug the com port cable (supplied) into the computer and the six
pin
plug cable (supplied) into the back of the Ft-100. Works great and they
supplied a complete schematic etc. with it. Simply reduce the power
output
of the rig and go. You may have to adjust the trim pot in the Rascal box
to
set the level to the proper drive but that's all.

Einar VE7BAQ FT-100D

----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Thursday, March 14, 2002 12:42 PM
Subject: [FT100] PSK31 and FT-100D Data Port

Ok,has anyone used the DATA port on the rear of the Ft-100D for PSK31.
I
am

not able to get it to work on the 100D that I have.
I have heard from several of you who are using the Mic input, but I
would
like to use the Data port since I have a cable already. I am using the
RigBlaster Nomic which works great with the FT-817 through it's Data
port.
The pins are the same, but there seems to be some differences or the
Data
port on this unit doesn't work.

Thanks

Alex Turner N4BYJ

[Non-text portions of this message have been removed]

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# 12928. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 11:41:38 UTC
From: gdsteele
Topic: 12908  Message: 12928

I have the same problem. When I contacted Yaesu about it, they suggested a couple of things.

1. Modify the mic to have an external 5 volt supply for the filters, the FT100 doesn't supply power to the MD-100.

2. Change the impedance of the MD-100 to be closer to the impedance of the stock mic.

I haven't tried either one of the mods, but plan to in the near future.

Just what I had been told,

Jerry K8CMI

--- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
> I just purchased a CT-69 adapter and MD-100a8x desk mic. I hooked
> them up right out of the box to my FT-100 and now have very low
> transmit audio when using the MD-100. When I say low I mean I have to
> practically swallow the mic to get any descent output. If I switch
> back the stock mic the audio is right back where it should be with no
> problems. I turned the mic gain of the radio up to 100 and still same
> results. Is there anything that needs to be done to the MD-100 for it
> to work properly or am I missing something?
>
> Thanks,
>
> Mike

# 12929. Re: S/METER...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 16:59:39 UTC
From: backhoefade
Topic: 12924  Message: 12929

It's one of the "F" sub menu commands. But you don't want to change
it unless you have a calibrated signal generator.

--- In FT100@y..., f5asdjerome@a... wrote:
> How to adjust the S/METER ON VHF/UHF ON THE FT-100???
>
>
> 73'S F5ASD jerome
>
>
> [Non-text portions of this message have been removed]

# 12930. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 17:11:36 UTC
From: backhoefade
Topic: 12908  Message: 12930

The input impedance of the FT-100 is very low which makes it incompatible with most microphones. You need to provide an impedance transformation. I previously explained how to do that and gave the website where you can buy a pre-amp designed specifically for the FT-100D. There's even an article from QST about adapting nominal impedance mics to the FT-100(D) at the website. By the way, the FT-100D does provide 5 Volts to its stock mic so if that was the only issue you could work around that.

Bottom line - It should be very clearly stated in the customer literature which accessories are compatible with which rigs.

N6AF Chas

--- In FT100@y..., "gdsteele" <gdsteele@y...> wrote:
> I have the same problem. When I contacted Yaesu about it, they
> suggested a couple of things.
>
> 1. Modify the mic to have an external 5 volt supply for the
filters,
> the FT100 doesn't supply power to the MD-100.
>
> 2. Change the impedance of the MD-100 to be closer to the impedance
> of the stock mic.
>
> I haven't tried either one of the mods, but plan to in the near
> future.
>
> Just what I had been told,
>
> Jerry K8CMI
>
> --- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
> > I just purchased a CT-69 adapter and MD-100a8x desk mic. I hooked
> > them up right out of the box to my FT-100 and now have very low
> > transmit audio when using the MD-100. When I say low I mean I
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> > practically swallow the mic to get any descent output. If I
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> > back the stock mic the audio is right back where it should be
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> > problems. I turned the mic gain of the radio up to 100 and still
> same
> > results. Is there anything that needs to be done to the MD-100

for
> it
> > to work properly or am I missing something?
> >
> > Thanks,
> >
> > Mike

# 12931. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 17:14:23 UTC
From: backhoefade
Topic: 12908  Message: 12931

Here's the info for the impedance transforming pre-amp. You can use
a D-104 mic with the FT-100D and sound terrific.

Go to http://hometown.aol.com/ampmicro and you'll see
what I mean. Until you do that the audio will be weak and very
muffled due to the effective low-pass roll-off of you mic input to
the rig. Too bad Yaesu doesn't make it clear that the MD-100 mic is
not compatible with the FT-100(D). Nor is a slew of other mics with
nominally high output Z. The rig has a low Z input. The pre-amp
will take care of the impedance transformation. You really don't
need any power gain. You just can't have the rig loading down the
mic output. Good luck.

N6AF Chas

--- In FT100@y..., "gdsteele" <gdsteele@y...> wrote:
> I have the same problem. When I contacted Yaesu about it, they
> suggested a couple of things.
>
> 1. Modify the mic to have an external 5 volt supply for the
filters,
> the FT100 doesn't supply power to the MD-100.
>
> 2. Change the impedance of the MD-100 to be closer to the impedance
> of the stock mic.
>
> I haven't tried either one of the mods, but plan to in the near
> future.
>
> Just what I had been told,
>
> Jerry K8CMI
>
> --- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
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> > them up right out of the box to my FT-100 and now have very low
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> > back the stock mic the audio is right back where it should be
with
> no
> > > problems. I turned the mic gain of the radio up to 100 and still
> same

> > results. Is there anything that needs to be done to the MD-100
for
> it
> > to work properly or am I missing something?
> >
> > Thanks,
> >
> > Mike

# 12932. Re: [FT100] Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 19:03:10 UTC
From: Einar Carlsen
Topic: 12908  Message: 12932

I belive the MD-100 mike is intended for the MP1000 rig. Am I right?
VE7BAQ
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Friday, March 15, 2002 9:11 AM
Subject: [FT100] Re: MD-100 Low Audio

The input impedance of the FT-100 is very low which makes it incompatible with most microphones. You need to provide an impedance transformation. I previously explained how to do that and gave the website where you can buy a pre-amp designed specifically for the FT-100D. There's even an article from QST about adapting nominal impedance mics to the FT-100(D) at the website. By the way, the FT-100D does provide 5 Volts to its stock mic so if that was the only issue you could work around that.

Bottom line - It should be very clearly stated in the customer literature which accessories are compatible with which rigs.

N6AF Chas

--- In FT100@y..., "gdsteele" <gdsteele@y...> wrote:
> I have the same problem. When I contacted Yaesu about it, they
> suggested a couple of things.
>
> 1. Modify the mic to have an external 5 volt supply for the
filters,
> the FT100 doesn't supply power to the MD-100.
>
> 2. Change the impedance of the MD-100 to be closer to the impedance
> of the stock mic.
>
> I haven't tried either one of the mods, but plan to in the near
> future.
>
> Just what I had been told,
>
> Jerry K8CMI
>
> --- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
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> > them up right out of the box to my FT-100 and now have very low
> > transmit audio when using the MD-100. When I say low I mean I
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> > back the stock mic the audio is right back where it should be
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> > problems. I turned the mic gain of the radio up to 100 and still
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> > results. Is there anything that needs to be done to the MD-100
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> >
> > Thanks,
> >
> > Mike

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[Non-text portions of this message have been removed]

# 12933. Re: FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 19:21:50 UTC
From: am_fm_radio
Topic: 12818  Message: 12933

--- In FT100@y..., n8uvq@j... wrote:
> Looks like my FT-100 needs to return home to Cerritos.......My
FT-100 was purchased in June
2001.
> Its
> serial number is 9J100xxx.
> Mark
> - N8UVQ -

Mark,

Mine left for Cerritos yesterday. I asked for all mods and they told
me they do a complete alignemnt. BTW-
FT-100D SN# 9J01518 Purchased 10/08/01

I packed mine up in the factory box, and placed it in a USPS Priority
mailer. Mailing it with $900 insurance costs $21.95

# 12934. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 20:04:13 UTC
From: backhoefade
Topic: 12908  Message: 12934

I hope the advertisements and product data sheet lists the applicable radios. What's really a shame is you can't really trust what HRO, Yaesu or anybody just verbally tells you anymore. I'm not saying they're "liars" that can't be trusted. But what I am saying is that more often than not, if the person you're talking to isn't quite certain, they may say to go ahead a buy it, especially if there's financial incentive in doing so. After all, the customer can just return it, right?! Right, but what a nuisance. Try to find something in writing. Often there's a list of "applicable radios" listed in the customer documentation for accessories. So I would look there. For the MD-100 mic I would start by trying the HRO on-line product catalog and maybe go to the Yaesu website and try to find some written info. I'll bet you 5 new DX entities that you will need that impedance transforming pre-amp to make it right. And when you get the pre-amp in there it'll sound great.

N6AF Chas

--- In FT100@y..., "Einar Carlsen" <carls@c...> wrote:
> I belive the MD-100 mike is intended for the MP1000 rig. Am I right?
> VE7BAQ
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Friday, March 15, 2002 9:11 AM
> Subject: [FT100] Re: MD-100 Low Audio
>
>
>
>
> The input impedance of the FT-100 is very low which makes it
> incompatible with most microphones. You need to provide an impedance
> transformation. I previously explained how to do that and gave the
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> 100D. There's even an article from QST about adapting nominal
> impedance mics to the FT-100(D) at the website. By the way, the
> FT-100D does provide 5 Volts to its stock mic so if that was the only
> issue you could work around that.
>
> Bottom line - It should be very clearly stated in the customer

> literature which accessories are compatible with which rigs.
>
> N6AF Chas
>
> --- In FT100@y..., "gdsteele" <gdsteele@y...> wrote:
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> > suggested a couple of things.
> >
> > 1. Modify the mic to have an external 5 volt supply for the
> filters,
> > the FT100 doesn't supply power to the MD-100.
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> > 2. Change the impedance of the MD-100 to be closer to the
impedance
> > of the stock mic.
> >
> > I haven't tried either one of the mods, but plan to in the near
> > future.
> >
> > Just what I had been told,
> >
> > Jerry K8CMI
> >
> > --- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
> > > I just purchased a CT-69 adapter and MD-100a8x desk mic. I
hooked
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> > > transmit audio when using the MD-100. When I say low I mean I
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> > > results. Is there anything that needs to be done to the MD-
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> > > Thanks,
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> > > Mike
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>

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Service.
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>
>
> [Non-text portions of this message have been removed]

# 12935. Re: FT-100 with excessive SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 20:07:36 UTC
From: backhoefade
Topic: 12818  Message: 12935

You will really like the rig once the mods are done. I had mine done about a year ago and it performs on all bands flawlessly. Do the microphone mod and you will eliminate the muffled audio sound and get terrific transmit audio reports.
N6AF Chas

--- In FT100@y..., n8uvq@j... wrote:
> Looks like my FT-100 needs to return home to Cerritos. On ten meters
> through a tuner into a dummy load the high SWR icon appears. I can not
> adjust the SWR via the tuner, even when the power setting is on 5 (~5
> watts).
> The tuner and associated cables test good with a VOM. If I switch to an
> older Kenwood rig or a friend's FT-817 and keep everything else the same,
> I can adjust the SWR. Doesn't look like my tuner or cable is the
> problem.
> Never attempted adjusting with an antenna connected.
>
> Signal strength of a local 2 meter repeater (~4 miles away) & NWS
> decrease as
> the rig heats up. Yes, the fans do not run. Usually I use the rig for
> HF, but I
> feel this also needs addressed by Yaesu.
>
> Fortunately, it's under warranty. My FT-100 was purchased in June 2001.
> Its
> serial number is 9J100xxx. What is the average turn around time for
> warranty
> repairs? Has anyone some pointers to possibly accelerate the process?
> Should
> I ask them to do all the mods and updates? Or do they do the mods &
> updates without
> asking?
>
> -
>
**********
**********

> Mark
> - N8UVQ - e-mail: N8UVQ@j...
>
**********
**********
>
>
> _____
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# 12936. Re: [FT100] PSK31 and FT-100D Data Port

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 22:13:31 UTC
From: A V Flinsch
Topic: 12915  Message: 12936

On Thursday 14 March 2002 22:43, you wrote:
> Oops Finger trouble again! Misspelled the web site. It is
> www.buxcommco.com
>
> go to the psk31 page and select the Yaesu interface page.
>
> The one I use is found at
>
> Order No. R-FTMDIN
>
That is the one that I am using, and it works great.

--
Alex
KC2IVL
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
5:10pm up 19:14, 2 users, load average: 0.00, 0.00, 0.00

# 12937. Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-16 01:35:28 UTC
From: kb9yul
Topic: 12937  Message: 12937

How to use key pad on sp/mic? Looks like is Lock and every time I
press any number the small red LED blinks. I can't change the freq.
Help please

# 12938. Cost of Repair/Upgrade

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-16 02:04:30 UTC
From: gp_man314
Topic: 12938  Message: 12938

Greetings FT-100 users,

I purchased an FT-100 in October of 1999. I have not used it much `till recently I installed it in my car. So far I get about 70 watts out on 80 and 40 meters. Seems to work OK. However, from viewing this yahoo group and from reading other user groups I believe hard times are in store for me and my FT-100. I'm referring to the grounding/high SWR problem. I understand there is some kind of adhesive copper grounding strap that comes loose inside the radio.

I'd really like to know what it costs to have Yeasu repair this defect. Could anyone tell me what Yeasu charges to fix this problem? Is there an upgrade option to basically change the FT-100 into an FT-100D as far as that is possible? What does that cost?

Any information would be very much appreciated. If this information has already been discussed, just give me the message numbers and I'll take it from there. I've search and paged through a year and a half worth of messages but so far, I have not stumbled across this information.

Thanks,

Will, N7KS

# 12940. Re: [FT100] Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-16 03:40:41 UTC
From: Pres Waterman
Topic: 12937  Message: 12940

> How to use key pad on sp/mic? Looks like is Lock and every time I
> press any number the small red LED blinks. I can't change the freq.
> Help please

Sorry, you are trying to use a feature that does not exist.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12941. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-16 16:23:52 UTC
From: Blaine
Topic: 12571  Message: 12941

Hi Paul,

I have not read all the responses, but just found that www.westmountain.com (the rigblaster people) now have powerpole connectors and accessories in small quantities, and reasonable shipping charges (at least to Canada which is what I am comparing). For UK, their web says www.wsplc.com (but that is probably for only the rigblaster products, since that is all the dealer in Canada is handling). Ordered some last night plus the power distribution panel, so we will know shortly.

Blaine, VE7CQX
-----Original Message-----
From: Paul Rogers [mailto:plprogers@...]
Sent: Wednesday, February 27, 2002 12:28 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] RE: DC Cable

Thanks to all that replied, getting hold of these Powerpoles is not that easy in the UK, the distributer won't e them and the retailers only carry the SB50's which I don't think are suitable. RS Components who retail these,
will sell me 10 of each colour but will charge me huge amounts to send them
to me!!. They will sell me them over the counter if I am trade, which I am not.
I won't give up though!!!!!!

Paul
G0SNW
----- Original Message -----
From: <emoxon@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, February 27, 2002 6:48 PM
Subject: [FT100] RE: DC Cable

> Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them on
> your rig(s), your shack supply, your batteries, your battery combiner. Great
> little connector -- contacts are recessed and they're hermaphroditic so
> everything mates with everything. If you have long runs requiring real heavy
> gauge wire, don't worry about it -- just cut down the diameter at the end
> where it enters the contact by trimming off some strands before soldering.

> (Take care not to get solder on the business end of the contact.)
> Mfgr: www.andersonpower.com.
> www.powerwerx.com has red/black sets in ham quantities. Dunno abt int'l
> shipping.
> Ed, K1GGI .
>
> > -----Original Message-----
> > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > From: "Paul Rogers" <plprogers@...>
> > Subject: DC Cable
> >
> > I don't know if this subject has been covered before, but here goes
> > anyway.
> >
> > I want to use my FT100 in 3 areas, from home, in the car daily and
also
in
> > my Motorhome (RV).
> >
> > I don't want to pay 30 UKP for each of the DC cables, so has anyone
come
> > up
> > with an alternative method.
> >
> > Thanks in advance.
> >
> > Paul
> > G0SNW
> >
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
>
>

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 12942. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-17 20:20:39 UTC
From: The Simpsons
Topic: 12571  Message: 12942

I contacted Powerwerx ( www.powerwerx.com ) about international shipping and they are happy to do so. I have been trying to contact the New Zealand agents here in ZL as well, but they don't answer their phone or return phone calls when a message is left. Strange way to do business. I am considering replacing all of my dc connections for all my gear with the 30 amp model as well.
They list 10 sets for $US9.95. 50 sets for $US39.95 for example, so seems a reasonable price to me.

Grant, ZL2BK.

----- Original Message -----
From: "Blaine" <VE7CQX@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, March 17, 2002 4:23 AM
Subject: RE: [FT100] RE: DC Cable

> Hi Paul,
>
> I have not read all the responses, but just found that
www.westmountain.com
> (the rigblaster people) now have powerpole connectors and accessories in
> small quantities, and reasonable shipping charges (at least to Canada
which
> is what I am comparing). For UK, their web says www.wsplc.com (but that is
> probably for only the rigblaster products, since that is all the dealer in
> Canada is handling). Ordered some last night plus the power distribution
> panel, so we will know shortly.
>
> Blaine, VE7CQX
> -----Original Message-----
> From: Paul Rogers [mailto:plprogers@...]
> Sent: Wednesday, February 27, 2002 12:28 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] RE: DC Cable
>
>
> Thanks to all that replied, getting hold of these Powerpoles is not that
> easy in the UK, the distributer won't e them and the retailers only
carry
> the SB50's which I don't think are suitable. RS Components who retail
> these,
> will sell me 10 of each colour but will charge me huge amounts to send
> them
> to me!!. They will sell me them over the counter if I am trade, which I
am

> not.
> I won't give up though!!!!!!
>
> Paul
> G0SNW
> ----- Original Message -----
> From: <emoxon@...>
> To: <FT100@yahoogroups.com>
> Sent: Wednesday, February 27, 2002 6:48 PM
> Subject: [FT100] RE: DC Cable
>
>
> > Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put them
> on
> > your rig(s), your shack supply, your batteries, your battery combiner.
> Great
> > little connector -- contacts are recessed and they're hermaphroditic
so
> > everything mates with everything. If you have long runs requiring real
> heavy
> > gauge wire, don't worry about it -- just cut down the diameter at the
> end
> > where it enters the contact by trimming off some strands before
> soldering.
> > (Take care not to get solder on the business end of the contact.)
> > Mfgr: www.andersonpower.com.
> > www.powerwerx.com has red/black sets in ham quantities. Dunno abt
int'l
> > shipping.
> > Ed, K1GGI .
> >
> > > -----Original Message-----
> > > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > > From: "Paul Rogers" <plprogers@...>
> > > Subject: DC Cable
> > >
> > > I don't know if this subject has been covered before, but here goes
> > > anyway.
> > >
> > > I want to use my FT100 in 3 areas, from home, in the car daily and
> also
> in
> > > my Motorhome (RV).
> > >
> > > I don't want to pay 30 UKP for each of the DC cables, so has anyone
> come
> > > up
> > > with an alternative method.
> > >
> > > Thanks in advance.

> > >
> > > Paul
> > > G0SNW

# 12943. Laminated Credit Card Sized reference for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 01:03:50 UTC
From: kb9yul
Topic: 12943  Message: 12943

Just to drop a new info...

A Laminated Credit Card Sized Manual for Yaesu FT-100 for only 3.00 US$ (other available models: VX-5R, VX-1R, FT-817, TH-F6, IC-T81)

This handy reference helps you quickly locate all the features that your FT-100D possesses.

For more info and photos visit us at
http://www.RadioAmater.com/english/vx5r.shtml
Send check, money order or pay through PayPal.com at our website.

---
Jovan Peric (KB9YUL)
3425 W. Ardmore Ave.
Chicago, IL 60659

# 12944. FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-15 17:54:53 UTC
From: kg4qqx
Topic: 12944  Message: 12944

Can anyone tell me whether or not the ft-100d is rated for 100% duty cycle? I've found several references stating that digital modes should be run at 50% of output power unless the radio being used is rated for 100% duty cycle.

73,
kg4qqx

# 12945. Noise UHF mode

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-17 18:49:20 UTC
From: Marco Chiabolotti
Topic: 12945  Message: 12945

Hi, I'm Marco IK0LLK. I'm sorry for my inglish that is bad!
I have a problem with my Yaesu FT100.
Last year i changed the main unit becouse when i start my car the extracourrent demaget it.
Now i have a other problem.
When i go in UHF 432MHZ FM my receicer present (have) many noise
I think that is a problem to PLL.
Have someone the same problem?
Many Thank's again.
Marco www.ik0llk.com

[Non-text portions of this message have been removed]

# 12946. Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-17 21:36:46 UTC
From: barry_zoll
Topic: 12946  Message: 12946

I purchased my rig last year and never used it on 70 CM. I purchased an MFJ dual band mag mount and had a 10 minute QSO on a 440 repeater. All of a sudden, the SWR icon appeared and power out dropped. Tried another antenna that I use in the same truck (Cushcraft dual band) with my FT8100 and had the same situation. My FT7100 and 8100 work fine with both.

Any suggestions? 73 de N1toq

# 12947. Function Settings

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-17 23:12:00 UTC
From: kb3bmt
Topic: 12947  Message: 12947

I know I have seen it somewhere on the site, but I can't find the post containing the optimal F-settings for the FT-100D. The search function on the site doesn't help much. Can anyone please direct me?

Thanks & 73
Jim
KB3BMT

# 12948. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 03:38:58 UTC
From: n0vlr
Topic: 12946  Message: 12948

Hi,

I had the same problem... I sent the radio back, indicating that it had troubles on this band and tehy fixed it (still under warranty) as far as I can see, they added more grounding material to several areas. you could also call Yaesu and ask for tech support and they may be able to help you out over the phone.

make sure that your radio is grounded (from mounting bracket to vehicle ground) with braided cable. also make sure that your antenna checks out. the tech at Yaesu told me that the final amp is so expensive a part, that they do everything in their power to protect it. hence Hi SWR when it may not be warranted at times.

Good Luck

Paul, N0VLR
--- In FT100@y..., "barry_zoll" <barry_zoll@y...> wrote:
> I purchased my rig last year and never used it on 70 CM. I purchased
> an MFJ dual band mag mount and had a 10 minute QSO on a 440
> repeater. All of a sudden, the SWR icon appeared and power out
> dropped. Tried another antenna that I use in the same truck
> (Cushcraft dual band) with my FT8100 and had the same situation. My
> FT7100 and 8100 work fine with both.
>
> Any suggestions? 73 de N1toq

# 12949. problem with receiver ( who'd've thought??? )

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 04:29:24 UTC
From: Pres Waterman
Topic: 12949  Message: 12949

Recently I noticed a faint howling around 46MHz where it used to work fine. Now, I seem to have lost sensitivity completely there. I'm thinking PLL failure. I don't see any other areas failed. Anyone else had this?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12950. ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 06:16:27 UTC
From: acbross
Topic: 12950  Message: 12950

OK Guys, I've had my FT100 for a couple years now and run it mostly in our camper with separate HF and UHF/VHF antennas when we go on vacation . This winter I decided to remove it from the camper and keep it in the house so I could build a PSK adapter. This evening I was experimenting with the ATAS100 menu #61 with the ATAS100 and a wattmeter connected. I was under the impression that switching from ATAS-1 to ATAS-2 on that menu switched the FT100 output from a single output port to dual ports. WRONG!!! No matter where I set it the HF/6m always comes out the HF lead and the UHF/vhf always comes out the other. Going back and looking at the diagram on page 14 they confirm this by using both output leads whether using the ATAS100 as a single antenna (with a duplexer) or using separate antennas. SO my question is what the heck good does switching between ATAS-1 and ATAS-2 do??? I see no difference in operation at either setting.

After reading the explanation of MENU #61 on page 94 it says ATAS-2 activates the ATAS100 on both antenna ports. So what difference does that make? Could some one verify that their FT100 works the same? Can anyone tell me why this setting is even there?

Art - KC7GF

# 12951. Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 07:06:08 UTC
From: acbross
Topic: 12852  Message: 12951

The real reason that the ATAS100 is not sold in Australia is that the motors are not warranteed for upside down operation. ;<)

Art KC7gf

# 12952. Re: ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 07:32:22 UTC
From: n9cv
Topic: 12950  Message: 12952

I believe that ATAS-1 allows the TUNe button to run the antenna up
and down and check SWR on both antenna connectors (HF-6m and U/VHF).
In ATAS 2 the TUNe button and SWR checking only works on the HF/6
meter connector. You will also see that there are two other options
listed for menu 61. They both have to do with TUNe button operation.
One is off and the other is for use with the FC-20 antenna tuner.

Ken - N9CV

--- In FT100@y..., "acbross" <kc7gf@a...> wrote:
> OK Guys, I've had my FT100 for a couple years now and run it mostly
> in our camper with separate HF and UHF/VHF antennas when we go on
> vacation . This winter I decided to remove it from the camper and
> keep it in the house so I could build a PSK adapter. This evening I
> was experimenting with the ATAS100 menu #61 with the ATAS100 and a
> wattmeter connected. I was under the impression that switching
from
> ATAS-1 to ATAS-2 on that menu switched the FT100 output from a
single
> output port to dual ports. WRONG!!! No matter where I set it the
> HF/6m always comes out the HF lead and the UHF/vhf always comes out
> the other. Going back and looking at the diagram on page 14 they
> confirm this by using both output leads whether using the ATAS100
as
> a single antenna (with a duplexer) or using separate antennas. SO
my
> question is what the heck good does switching between ATAS-1 and
ATAS-
> 2 do??? I see no difference in operation at either setting.
>
> After reading the explanation of MENU #61 on page 94 it says ATAS-2
> activates the ATAS100 on both antenna ports. So what difference
does
> that make? Could some one verify that their FT100 works the same?
> Can anyone tell me why this setting is even there?
>
> Art - KC7GF

# 12953. Re: [FT100] Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 09:20:24 UTC
From: Alek Petkovic
Topic: 12852  Message: 12953

It's ok, we always mount our antennas underneath the car so that they will
work the right way up.

Hi hi.

Thanks mate,
Alek.
VK6APK

At 07:06 AM 18-03-02 +0000, you wrote:
>The real reason that the ATAS100 is not sold in Australia is that the
>motors are not warranteed for upside down operation. ;<)
>
>Art KC7gf
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12954. Re: [FT100] Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 13:58:21 UTC
From: Bob Cheek
Topic: 12946  Message: 12954

Barry,

That is exactly how my FT-100 failed. I hadn't used it much on UHF. Making contact with some friends heading to a hamfest on UHF simplex my rig started displaying a HI SWR Icon. I was at 50% power. On the bench I found the VHF/UHF final was oscillating between 200-300 Mhz. At that frequency I am sure that my Larsen Dual Bander did have high SWR. Anyway, the final MOSFET shorted. Yaesu wanted $505 to repair it. (mine was two weeks out of warranty!) Passed on that offer, and decided to repair it myself. Found that the SRF7043 MOSFET is exclusive to Yaesu and you can't buy them on the open market. Yaesu wants about $230 for the part. I think I have found a suitable replacement part. Samples have just arrived and I have to install and test. It hasn't been fun!

I don't know if the "Hi SWR" mod affects V/UHF or not, but it is probably worth installing if you haven't already.

DE WB4EJE

--- barry_zoll <barry_zoll@...> wrote:
> I purchased my rig last year and never used it on 70
> CM. I purchased
> an MFJ dual band mag mount and had a 10 minute QSO
> on a 440
> repeater. All of a sudden, the SWR icon appeared
> and power out
> dropped. Tried another antenna that I use in the
> same truck
> (Cushcraft dual band) with my FT8100 and had the
> same situation. My
> FT7100 and 8100 work fine with both.
>
> Any suggestions? 73 de N1toq
>
>
>

---------------------------------------------------
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http://sports.yahoo.com/

# 12955. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 05:18:07 UTC
From: ft100guy
Topic: 12946  Message: 12955

--- In FT100@y..., "barry_zoll" <barry_zoll@y...> wrote:
> I purchased my rig last year and never used it on 70 CM. I
purchased
> an MFJ dual band mag mount and had a 10 minute QSO on a 440
> repeater. All of a sudden, the SWR icon appeared and power out
> dropped. Tried another antenna that I use in the same truck
> (Cushcraft dual band) with my FT8100 and had the same situation. My
> FT7100 and 8100 work fine with both.
>
> Any suggestions? 73 de N1toq

Yes, do the fan mod! What is happening is the final is overheating and causing the swr to rise. Add a 29 to 50 ohm 1 watt resistor from ground to one of the fans black wires. This will force the fans to idle moving air thru the rig and subsequently cool the final. This will prevent the swr icon from triggering. If the fan noise doesnt bother you go with a value which will allow for more air movement. Lower is better in my book.. Regards.. Richy

PS Yaesu will tell you otherwise, several "canned answers" would be:
1. Gee that a new one on me...
2. Must be your antenna
3. Hmmm
4. Its your coax
5. Your the first one with that problem...
6. check your grounds...

They hit a button on the phone console and any one of the above will be generated (its random)and forwarded over the phone for your listening pleasure.

Regards.. Richy N2ZD

# 12956. Re: Cost of Repair/Upgrade

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 05:27:04 UTC
From: ft100guy
Topic: 12938  Message: 12956

--- In FT100@y..., "gp_man314" <ts2000@s...> wrote:
> Greetings FT-100 users,
>
> I purchased an FT-100 in October of 1999. I have not used it
> much `till recently I installed it in my car. So far I get about
> 70
> watts out on 80 and 40 meters. Seems to work OK. However, from
> viewing this yahoo group and from reading other user groups I
believe
> hard times are in store for me and my FT-100. I'm referring to
> the
> grounding/high SWR problem. I understand there is some kind of
> adhesive copper grounding strap that comes loose inside the radio.
>
> I'd really like to know what it costs to have Yeasu repair this
> defect. Could anyone tell me what Yeasu charges to fix this
> problem? Is there an upgrade option to basically change the FT-100
> into an FT-100D as far as that is possible? What does that cost?
>
> Any information would be very much appreciated. If this
information
> has already been discussed, just give me the message numbers and
> I'll
> take it from there. I've search and paged through a year and a
> half
> worth of messages but so far, I have not stumbled across this
> information.
>
> Thanks,
>
> Will, N7KS

Hi Will,

Your best bet is to call them and see if they will honor the mods to the rig. When you send it in, specify in writing that you want the fan mod and swr mod performed to the rig. They have usually performed such mods for out of warranty radios and tacked on a realignment charge of just under 100 bucks, but its best to call them and see what kinda "scheme of the month" they will attempt to have you send in a radio that should have had these mods when you bought it. If they offer to mod it for free, expect a long 8-10 week delay. If you pay good money to have it done, expect a short 8-10 week delay. :-P
Regards.. Richy

# 12957. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 10:50:48 UTC
From: barry_zoll
Topic: 12946  Message: 12957

I've sent the unit back to Yaesu for some other mods to fix high swr
on 40m. I am puzzled by the intermittent nature of this problem.
I'll try the braided ground strap.

Thanks and 73.

# 12958. Re: [FT100] ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 18:12:30 UTC
From: Lee Devlin
Topic: 12950  Message: 12958

--- acbross <kc7gf@...> wrote:
> SO my
> question is what the heck good does switching
> between ATAS-1 and ATAS-
> 2 do??? I see no difference in operation at either
> setting.

The ATAS-1 setting is there so you can retract the antenna when you're using the ATAS for V/U transmit. The DC voltage to control the antenna still comes across the HF port. The antenna is supposed to be fully retracted to use it on V/U transmit since the lower tube is sized to be resonant on those bands. While tuning the ATAS for V/U, unlike the TUN feature during HF, there is no feedback where the SWR is monitored for a minimum. It just fully retracts by supplying a DC voltage over the HF port for long enough to make sure it's retracted.

Others have reported that the SWR meter doesn't have a problem even if the ATAS is not fully retracted on V/U transmit, but I'm not sure if it is a good idea to operate it that way.

With the cost of a duplex to use the ATAS on V/U, you could purchase a second V/U antenna and mount it up higher and get some gain out of it, which is what most owners have opted to do.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 12959. Re: Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 05:32:35 UTC
From: ft100guy
Topic: 12937  Message: 12959

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > How to use key pad on sp/mic? Looks like is Lock and every time I
> > press any number the small red LED blinks. I can't change the
freq.
> > Help please

Nope Nope, keypad is for dtmf use only, use the vfo and band
change buttons for frequency changes.. Richy

# 12960. Re: Laminated Credit Card Sized reference for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 18:57:18 UTC
From: backhoefade
Topic: 12943  Message: 12960

Tell me how it suggests you set up for AM transmit.

I already know. This will just show us what the cheat sheet is worth.

I don't care if it's the perfect size and gold plated; if the information is lacking or inaccurate, especially for the info that's missing from the user's manual, then it's essentially worthless.

--- In FT100@y..., "kb9yul" <tokivoki@e...> wrote:
> Just to drop a new info...
>
> A Laminated Credit Card Sized Manual for Yaesu FT-100 for only 3.00
> US$ (other available models: VX-5R, VX-1R, FT-817, TH-F6, IC-T81)
>
> This handy reference helps you quickly locate all the features that
> your FT-100D possesses.
>
> For more info and photos visit us at
> http://www.RadioAmater.com/english/vx5r.shtml
> Send check, money order or pay through PayPal.com at our website.
>
> ------------------------------
> Jovan Peric (KB9YUL)
> 3425 W. Ardmore Ave.
> Chicago, IL 60659

# 12961. Re: ATAS Downunder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 19:15:25 UTC
From: backhoefade
Topic: 12852  Message: 12961

Incorrect. The real reason is an odd resonance with adult kangaroo tails. Something to do with the excessive natural Mercury present in their water supply.

--- In FT100@y..., "acbross" <kc7gf@a...> wrote:
> The real reason that the ATAS100 is not sold in Australia is that the
> motors are not warranteed for upside down operation. ;<)
>
> Art KC7gf

# 12962. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 19:25:10 UTC
From: backhoefade
Topic: 12946  Message: 12962

Please publish your success story (hopefully!) regarding the
replacement devices you are trying. That will be a great help
(unfortunately) for some of us in the future.

By the way, I believe there is a spurious oscillation issue in the
VHF/UHF amp too, which is eliminated with the same ground strap fix
as applied for HF.
N6AF Chas

--- In FT100@y..., Bob Cheek <wb4eje@y...> wrote:
> Barry,
>
> That is exactly how my FT-100 failed. I hadn't used
> it much on UHF. Making contact with some friends
> heading to a hamfest on UHF simplex my rig started
> displaying a HI SWR Icon. I was at 50% power. On the
> bench I found the VHF/UHF final was oscillating
> between 200-300 Mhz. At that frequency I am sure that
> my Larsen Dual Bander did have high SWR. Anyway, the
> final MOSFET shorted. Yaesu wanted $505 to repair it.
> (mine was two weeks out of warranty!) Passed on that
> offer, and decided to repair it myself. Found that
> the SRF7043 MOSFET is exclusive to Yaesu and you can't
> buy them on the open market. Yaesu wants about $230
> for the part. I think I have found a suitable
> replacement part. Samples have just arrived and I
> have to install and test. It hasn't been fun!
>
> I don't know if the "Hi SWR" mod affects V/UHF or not,
> but it is probably worth installing if you haven't
> already.
>
> DE WB4EJE
>
> --- barry_zoll <barry_zoll@y...> wrote:
> > I purchased my rig last year and never used it on 70
> > CM. I purchased
> > an MFJ dual band mag mount and had a 10 minute QSO
> > on a 440
> > repeater. All of a sudden, the SWR icon appeared
> > and power out
> > dropped. Tried another antenna that I use in the
> > same truck
> > (Cushcraft dual band) with my FT8100 and had the
> > same situation. My

> > FT7100 and 8100 work fine with both.
> >
> > Any suggestions? 73 de N1toq
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Sports - live college hoops coverage
> http://sports.yahoo.com/

# 12963. Re: [FT100] Re: Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 20:45:31 UTC
From: Pres Waterman
Topic: 12937  Message: 12963

> --- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > > How to use key pad on sp/mic? Looks like is Lock and every time I

> Nope Nope, keypad is for dtmf use only, use the vfo and band
> change buttons for frequency changes.. Richy

Nope, nope, not a dope, Pres did NOT write "How to use key pad on sp/mic?"
but was rather answering someone else's question by saying "can't be done"

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12964. Re: [FT100] ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 21:14:58 UTC
From: Pres Waterman
Topic: 12950  Message: 12964

> wattmeter connected. I was under the impression that switching from
> ATAS-1 to ATAS-2 on that menu switched the FT100 output from a single
> output port to dual ports. WRONG!!! No matter where I set it the
> HF/6m always comes out the HF lead and the UHF/vhf always comes out
> the other. Going back and looking at the diagram on page 14 they
> confirm this by using both output leads whether using the ATAS100 as
> a single antenna (with a duplexer) or using separate antennas. SO my
> question is what the heck good does switching between ATAS-1 and ATAS-
> 2 do??? I see no difference in operation at either setting.

Basically, to reiterate an answer already posted,

ATAS-1 and ATAS-2 merely tell the radio that you ARE using the ATAS but have either ONE or TWO antennas, the implication is that the TWO antennas is a separate unit for V/U

And PS that the radio should not concern itself with retracting the antenna if above 6M... basically, all this menu option does is tell the radio to ignore the "TUN" button if pressed above 54MHz.

BTW the radio will not transmit below 7MHz if either ATAS-1 or ATAS-2 is selected.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 12965. Re: ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 22:19:54 UTC
From: acbross
Topic: 12950  Message: 12965

Yeah, found out about the "won't go below 40 meters" thing when I tried to use 80m once for a sched while the radio was set for ATAS.

It seems no matter what "ATAS" position I leave the menu in, it still tries to retract the antenna when I get out of the menu. I'll have to experiment with it some more. Not that it matters because I always use a separate antenna for VHF/UHF.

Art KC7GF

# 12966. Re: [FT100] Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 00:02:17 UTC
From: Alek Petkovic
Topic: 12946  Message: 12966

When my ft-100 got the 440 hi swr problem, here's what the service people wrote on the report.

"Verified faulty uhf transmit. Performed Yaesu modification to vhf/uhf duplexer circuit. Adjusted inductors L13, L02 and L37 in the circuit. Tested transmit and receive operation."

Take care. If you change the o/p transistor, you will still have the problem in the duplexer section. It will probably blow the new tranny as well.

73, Alek.
VK6APK

At 05:58 AM 18-03-02 -0800, you wrote:
>Barry,
>
>That is exactly how my FT-100 failed. I hadn't used
>it much on UHF. Making contact with some friends
>heading to a hamfest on UHF simplex my rig started
>displaying a HI SWR Icon. I was at 50% power. On the
>bench I found the VHF/UHF final was oscillating
>between 200-300 Mhz. At that frequency I am sure that
>my Larsen Dual Bander did have high SWR. Anyway, the
>final MOSFET shorted. Yaesu wanted $505 to repair it.
> (mine was two weeks out of warranty!) Passed on that
>offer, and decided to repair it myself. Found that
>the SRF7043 MOSFET is exclusive to Yaesu and you can't
>buy them on the open market. Yaesu wants about $230
>for the part. I think I have found a suitable
>replacement part. Samples have just arrived and I
>have to install and test. It hasn't been fun!
>
>I don't know if the "Hi SWR" mod affects V/UHF or not,
>but it is probably worth installing if you haven't
>already.
>
>DE WB4EJE
>
>--- barry_zoll <barry_zoll@...> wrote:
> > I purchased my rig last year and never used it on 70
> > CM. I purchased
> > an MFJ dual band mag mount and had a 10 minute QSO
> > on a 440
> > repeater. All of a sudden, the SWR icon appeared
> > and power out
> > dropped. Tried another antenna that I use in the

> > same truck
> > (Cushcraft dual band) with my FT8100 and had the
> > same situation. My
> > FT7100 and 8100 work fine with both.
> >
> > Any suggestions? 73 de N1toq
> >
> >
> >
>
>
>_____
>Do You Yahoo!?
>Yahoo! Sports - live college hoops coverage
>http://sports.yahoo.com/
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12967. Re: [FT100] FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 00:23:37 UTC
From: robert parker
Topic: 12944  Message: 12967

It all depends what you mean by 100% duty cycle. The rating usually means X number of minutes transmit and Y number of minutes receive. Based on a standard, 100% duty cycle would mean 10mins of continuous transmit at full power. A resting period of so many minutes would be required before transmission resumes. 50% would be 5mins of continuous transmit at full power. 10 mins is a long time to be transmitting contiuously.

--- kg4qqx <kg4qqx@...> wrote:
> Can anyone tell me whether or not the ft-100d is
> rated for 100% duty
> cycle? I've found several references stating that
> digital modes
> should be run at 50% of output power unless the
> radio being used is
> rated for 100% duty cycle.
>
> 73,
> kg4qqx
>
>
>

---------------------------------------------------------------------
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# 12968. Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 00:41:54 UTC
From: backhoefade
Topic: 12944  Message: 12968

The duty cycle is the time percentage which the transmitter can run at full power output, as defined over a duration whereby the heatsink / fan system has achieved thermal stability. That means that the duty cycle spec (for example 50%) is the duty cycle you can continuously operate the rig at for a very extended period without it thermally running to very high temps.

I believe the FT-100D is rated at 100 Watts PEP, based on a 50 % duty cycle. So you can operate normal CW all day long with it set for 100 Watts output. By "normal" I mean NOT "dead keying" for lots of 15 second intervals while you play antenna, etc. That's not 50% duty cycle. You can also operate all day long in SSB at 100 W PEP.

AM operation is a bit trickier because you have the same PEP as SSB but you have an on-going 25 Watts rms carrier present so that raises the overall effective duty cycle a bit. But I would still say the rig can run AM all day long if you limit the output to 100 Watts PEP.

With FM the whole story changes. Here your average power is the same as your peak power so you must drop the output to 50 Watts on the HF bands; 29.6 MHz FM for example.

For 2 meters and 440 FM, I have to assume that since Yaesu advertises "50 Watts" and "20 Watts" output that they mean FM with no time limit. Personally I run mine at half power usually on 2 meters and 440. You give the PA a bit of a break thermally and you only give up half an S unit.

N6AF Chas

--- In FT100@y..., robert parker <valveman_6146@y...> wrote:
> It all depends what you mean by 100% duty cycle. The
> rating usually means X number of minutes transmit and
> Y number of minutes receive. Based on a standard,
> 100% duty cycle would mean 10mins of continuous
> transmit at full power. A resting period of so many
> minutes would be required before transmission resumes.
> 50% would be 5mins of continuous transmit at full
> power. 10 mins is a long time to be transmitting
> contiuously.
>
> --- kg4qqx <kg4qqx@b...> wrote:
> > Can anyone tell me whether or not the ft-100d is
> > rated for 100% duty
> > cycle? I've found several references stating that
> > digital modes

> > should be run at 50% of output power unless the
> > radio being used is
> > rated for 100% duty cycle.
> >
> > 73,
> > kg4qqx
> >
> >
> >
>
>
>

---

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# 12969. Using Motorola microphone with FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 00:46:19 UTC
From: kraftwerk1976
Topic: 12969  Message: 12969

Hi. I bought some 8 pin (din) Motorola mics. on ebay a while back for very little money, and was wondering if anybody has tried to use Motorola microphones with the FT100? The mic. (6 pin din) that originally came with my FT100 is good, but I would like something a bit more durable. Has anyone tried to do this? Thanks.

# 12970. How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-18 23:21:24 UTC
From: kd6ccp
Topic: 12970  Message: 12970

Okay, am lost, how can I monitor the 440 band while searching the HF bands at the same time? I want to stay tuned to my local repeater group on 440, but at the same time chat and chew on the HF bands.
Thanks

# 12971. Re: Using Motorola microphone with FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 01:47:16 UTC
From: backhoefade
Topic: 12969  Message: 12971

I've tried two alternate mics and that's when I realized that the FT-100(D) is a unusual creature with a low input Z so when you try to use mics with more nominal output Z's, two things happen: first, the impedance step-down drastically reduces the drive level that the mic can offer; second, the hi-Z output of the typical alternate mic when worked against the input capacitance of the rig tends to roll off the audio response, yielding a rather bassy, muffled transmit audio. There's some good info about this at http://hometown.aol.com/ampmicro

I bought one of the pre-amps ($7.50 or so, if you supply the caps and resistors - it comes with the op-amp) so I can use my D104 with my FT-100D but ever since I discovered the mic mod and the outstanding transmit audio you get with the Yaesu mobile mic I've lost interest in the project.

N6AF Chas

--- In FT100@y..., "kraftwerk1976" <skyline49@c...> wrote:
> Hi. I bought some 8 pin (din) Motorola mics. on ebay a while back
> for very little money, and was wondering if anybody has tried to use
> Motorola microphones with the FT100? The mic. (6 pin din) that
> originally came with my FT100 is good, but I would like something a
> bit more durable. Has anyone tried to do this? Thanks.

# 12972. Re: [FT100] ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 01:48:25 UTC
From: wb2iw@aol.com
Topic: 12950  Message: 12972

The second antenna (vhf/uhf) is the way to go. the atas has no gain and is really weak on uhf/vhf. I also threw in a coax switch and mounted a 2 meter holoop ssb antenna on the roof ,it really gets the distance on ssb, sometime hundreds of miles while I'm moble. SSB works so much better than fm (if your into simplex) try it you'll like it! 73 Bill WB2IWC

[Non-text portions of this message have been removed]

# 12973. Re: How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 01:49:08 UTC
From: backhoefade
Topic: 12970  Message: 12973

I don't have the manual in front of me but I believe it has
a "monitor feature" that will periodically check one alternate
frequency you program in.
N6AF Chas

--- In FT100@y..., "kd6ccp" <kd6ccp@y...> wrote:
> Okay, am lost, how can I monitor the 440 band while searching the
HF
> bands at the same time? I want to stay tuned to my local repeater
> group on 440, but at the same time chat and chew on the HF bands.
> Thanks

# 12974. Re: [FT100] FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 01:59:34 UTC
From: Grant Mitchell
Topic: 12944  Message: 12974

Duty Cycle is rated in percent. It is the percentage of TIME ON compared to the total TIME ON / TIME OFF period. I will give you some examples.

TIME ON = 5 mins, TIME OFF = 5 mins, DUTY CYCLE = 50% (total time = 10 min)
TIME ON = 1 min, TIME OFF = 1 min, DUTY CYCLE = 50% (total time = 2 min)

As you can see in the above examples, both are 50% DUTY CYCLE.

TIME ON = 2 mins, TIME OFF = 3 mins, DUTY CYCLE = 40% (total time = 5 mins)
TIME ON = 3 mins, TIME OFF = 2 mins, DUTY CYCLE = 60% (total time = 5 mins)

In the examples above, it is not the amount of power used, but, the TIME ON that is used to represent DUTY CYCLE. 100% DUTY CYCLE would mean you are transmitting all-the-time with no break in transmission. I would not recommend you use the FT-100D at 100w at the 100% duty cycle in ANY mode. The recommendation of 50% of output power (50w) would be probably be best used in DIGITAL modes (HF)....however, I would still recommend a DUTY CYCLE of LESS than 100%. On page 59 of the FT-100D Operating Manual it states "The FT-100D is designed for a 50% duty cycle" for RTTY transmissions. Some others on the reflector have made suggestions on power settings for different bands / modes. I hope this is helpful to you.

73, Grant
N4GM

kg4qqx wrote:
>
> Can anyone tell me whether or not the ft-100d is rated for 100% duty
> cycle? I've found several references stating that digital modes
> should be run at 50% of output power unless the radio being used is
> rated for 100% duty cycle.
>
> 73,
> kg4qqx
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12975. Re: [FT100] Re: ATAS menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 02:13:14 UTC
From: Pres Waterman
Topic: 12950  Message: 12975

> It seems no matter what "ATAS" position I leave the menu in, it still
> tries to retract the antenna when I get out of the menu. I'll have to
> experiment with it some more. Not that it matters because I always

THAT's a new one on me... say that again? When you exit the ATAS-1/2/tuner menu it retacts?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12976. Re: [FT100] Using Motorola microphone with FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:07:18 UTC
From: Pres Waterman
Topic: 12969  Message: 12976

> Hi. I bought some 8 pin (din) Motorola mics. on ebay a while back
> for very little money, and was wondering if anybody has tried to use
> Motorola microphones with the FT100? The mic. (6 pin din) that
> originally came with my FT100 is good, but I would like something a
> bit more durable. Has anyone tried to do this? Thanks.

Woah! The correct terminology is 8pin: RJ-45 modular on the Motorolas, 6pin:
RJ-12 modular on the FT-100... often confused with the physically similar
but 4-pin RJ-11

The Motorola would have to be severely rewired also... is it

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS! DTMF or just plain and tough?

# 12977. Re: [FT100] How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:08:29 UTC
From: Pres Waterman
Topic: 12970  Message: 12977

> Okay, am lost, how can I monitor the 440 band while searching the HF
> bands at the same time? I want to stay tuned to my local repeater
> group on 440, but at the same time chat and chew on the HF bands.

Second post in a few days requesting a feature that does not exist. Try a FT-90 tucked under the FT-100!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12978. Re: [FT100] Re: How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:12:18 UTC
From: Pres Waterman
Topic: 12970  Message: 12978

> I don't have the manual in front of me but I believe it has
> a "monitor feature" that will periodically check one alternate
> frequency you program in.
>

Chas, you are talking about the DW ( Dual Watch ) feature which toggles between frequencies at a set rate, but the question was:

> Okay, am lost, how can I monitor the 440 band while searching the
> HF
> > bands at the same time? I want to stay tuned to my local repeater
> > group on 440, but at the same time chat and chew on the HF bands.

He said he wants to stay tuned at the same time as operate HF

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12979. Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:23:36 UTC
From: backhoefade
Topic: 12944  Message: 12979

The key point I made in my post was that the time duration that the unit can be "on" continuously is limited by the ability of the heatsink / fan system to exhaust the heat. In other words, you cannot expect a transmitter which is rated for 50% duty cycle to be able to be "on" for 3 hours and then "off" for three hours and survive. That's ridiculous. The 50% duty cycle rating (or whatever the percentage happens to be) is practically limited by whatever maximum continuous "on" time the unit can handle without exceeding its maximum temperature spec. If the absolute value of the duration of "on" time in the definition of duty cycle was unlimited then "duty cycle" would have no practical meaning for equipment which has less than a 100% duty cycle rating. The "on" time would be completely arbitrary, say 4 days "on" followed by 4 days "off". Sure, it operated at "50% duty cycle" over those 8 days; but after about 32 minutes the finals burned up due to massive over temperature. Duty cycle, when applied to equipment which generates heat is all about power. The average power developed during the subject period must not exceed X % of the peak power rating of the device.

Average Power = 1/T times the integral P(t)dt, integrated over the time period of measurement, where P(t) is any function of power versus time and T is the period of the measurement. The value of the integration is the total energy developed during the measurement. When the total energy is divided by the time measurement interval, T, you have the average power developed during that interval. If the device rating is 50% duty cycle, then Average Power should not exceed 50% of the max power rating of the rig, which for the FT-100D would be 50 Watts. I base the 50 Watts on the fact that the key down CW average output power specification is 100 Watts.

N6AF Chas

--- In FT100@y..., Grant Mitchell <n4gm@a...> wrote:
> Duty Cycle is rated in percent. It is the percentage of TIME ON
> compared to the total TIME ON / TIME OFF period. I will give you
some
> examples.
>
> TIME ON = 5 mins, TIME OFF = 5 mins, DUTY CYCLE = 50% (total time =
10
> min)
> TIME ON = 1 min, TIME OFF = 1 min, DUTY CYCLE = 50% (total time = 2
min)
>
> As you can see in the above examples, both are 50% DUTY CYCLE.
>

> TIME ON = 2 mins, TIME OFF = 3 mins, DUTY CYCLE = 40% (total time =
5
> mins)
> TIME ON = 3 mins, TIME OFF = 2 mins, DUTY CYCLE = 60% (total time =
5
> mins)
>
> In the examples above, it is not the amount of power used, but, the
TIME
> ON that is used to represent DUTY CYCLE. 100% DUTY CYCLE would
mean you
> are transmitting all-the-time with no break in transmission. I
would
> not recommend you use the FT-100D at 100w at the 100% duty cycle in
ANY
> mode. The recommendation of 50% of output power (50w) would be
probably
> be best used in DIGITAL modes (HF)....however, I would still
recommend a
> DUTY CYCLE of LESS than 100%. On page 59 of the FT-100D Operating
> Manual it states "The FT-100D is designed for a 50% duty cycle" for
RTTY
> transmissions. Some others on the reflector have made suggestions on
> power settings for different bands / modes. I hope this is helpful
to
> you.
>
> 73, Grant
> N4GM
>
> kg4qqx wrote:
> >
> > Can anyone tell me whether or not the ft-100d is rated for 100%
duty
> > cycle? I've found several references stating that digital modes
> > should be run at 50% of output power unless the radio being used
is
> > rated for 100% duty cycle.
> >
> > 73,
> > kg4qqx
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.

> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 12980. Re: How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:27:49 UTC
From: backhoefade
Topic: 12970  Message: 12980

Yaesu likes his request ----- more radios in the car!

I haven't tried the dual watch yet. I almost think you could achieve what he's looking for if it can be set to VERY quickly go and take a look at 440 MHz. I'll try it tonight. Probably it's more practical to have the extra little rig sitting there on your favorite repeater. Kinda comforting when your driving in a raging storm.

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
>
> > I don't have the manual in front of me but I believe it has
> > a "monitor feature" that will periodically check one alternate
> > frequency you program in.
> >
>
> Chas, you are talking about the DW ( Dual Watch ) feature which toggles
> between frequencies at a set rate, but the question was:
>
> > Okay, am lost, how can I monitor the 440 band while searching the
> > HF
> > > bands at the same time? I want to stay tuned to my local repeater
> > > group on 440, but at the same time chat and chew on the HF bands.
>
>
> He said he wants to stay tuned at the same time as operate HF
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

# 12981. Re: [FT100] Re: How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 03:34:05 UTC
From: Pres Waterman
Topic: 12970  Message: 12981

> I haven't tried the dual watch yet. I almost think you could achieve
> what he's looking for if it can be set to VERY quickly go and take a
> look at 440 MHz. I'll try it tonight. Probably it's more practical
> to have the extra little rig sitting there on your favorite repeater.
> Kinda comforting when your driving in a raging storm.

Well, I think the dwell time is set to 6 seconds. It would, at least, put a hole in the HF activities, and would also prioritize away from HF. The moment the repeater IDs he is forced to give up HF and wait for the UHF activity to cease. I never use the faeture for that reason. Although there are probably good scenarios to use it in.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 12982. RE: [FT100] How do I split monitor ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 04:41:01 UTC
From: VA3FD
Topic: 12970  Message: 12982

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Monday, March 18, 2002 10:08 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] How do I split monitor ?

> Okay, am lost, how can I monitor the 440 band while searching the HF
> bands at the same time? I want to stay tuned to my local repeater
> group on 440, but at the same time chat and chew on the HF bands.

Second post in a few days requesting a feature that does not exist. Try
a
FT-90 tucked under the FT-100!

Try an FT-8100R if you want a cool radio that is a true "dualie". Sold
mine to help finance the
FT-100... miss it sometimes, it was a neat radio. But, ya just don't
get the same charge playing full duplex on
VHF/UHF as trying to hammer thru a massive pileup on 12 meters from the
mobile, to work an OX station...
(twice within the last few days... two different OX stations, at that!)
There ain't nothing like HF !

Fred VA3FD

[Non-text portions of this message have been removed]

# 12983. DC Cable now ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 07:15:00 UTC
From: Paul Rogers
Topic: 12983  Message: 12983

> Hi All
>
> Just to let you know that I purchased the Poerpole Connecters from
> www.powerwerx.com and they were here in 5 days, excellant service!!
>
> Now I am looking at the ATAS 100 to mount on my Motorhome (RV). I have 2
> choices, the ATAS or the SG239 atu, both about the same price, go on
> everyone, comvince me
>
> 73 de Paul G0SNW
>

# 12984. RE: [FT100] FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 00:35:09 UTC
From: Richard W. Solomon
Topic: 12944  Message: 12984

Wow, things have changed since I got my First Phone ticket.
100% meant just that, 100% CCS.

But if you want to dissipate 100 watts in a box that small, for
any extended length of time, Good Luck !!

73, Dick, W1KSZ

-----Original Message-----
From: robert parker [mailto:valveman_6146@...]
Sent: Monday, March 18, 2002 7:24 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT-100 Duty Cycle Rating...

It all depends what you mean by 100% duty cycle. The
rating usually means X number of minutes transmit and
Y number of minutes receive. Based on a standard,
100% duty cycle would mean 10mins of continuous
transmit at full power. A resting period of so many
minutes would be required before transmission resumes.
50% would be 5mins of continuous transmit at full
power. 10 mins is a long time to be transmitting
contiuously.

--- kg4qqx <kg4qqx@...> wrote:
> Can anyone tell me whether or not the ft-100d is
> rated for 100% duty
> cycle? I've found several references stating that
> digital modes
> should be run at 50% of output power unless the
> radio being used is
> rated for 100% duty cycle.
>
> 73,
> kg4qqx
>
>
>

_____
Find, Connect, Date! http://personals.yahoo.ca

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 12985. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 05:40:29 UTC
From: ft100guy
Topic: 12946  Message: 12985

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> When my ft-100 got the 440 hi swr problem, here's what the service people
> wrote on the report.
>
> "Verified faulty uhf transmit. Performed Yaesu modification to vhf/uhf
> duplexer circuit. Adjusted inductors L13, L02 and L37 in the circuit.
> Tested transmit and receive operation."
>
> Take care. If you change the o/p transistor, you will still have the
> problem in the duplexer section. It will probably blow the new tranny as well.
>
> 73, Alek.
> VK6APK

Although this could be the problem on some the real fault lies in heat dissipation. If you need proof that the Fan mod is necessary,with an unmodded rig, simply key your mic on high power (UHF or VHF) and note that on a good antenna you will start with a low swr, watch in amazement as the one bar turns into two and then some as the radio begins to roast the 200 plus dollar final. If you do the fan mod you will delay or deter the generated heat from causing the swr rise.
Richy N2ZD

# 12986. Re: Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 05:29:09 UTC
From: ft100guy
Topic: 12937  Message: 12986

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
>
> > --- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > > > How to use key pad on sp/mic? Looks like is Lock and every time I
>
> > Nope Nope, keypad is for dtmf use only, use the vfo and band
> > change buttons for frequency changes.. Richy
>
>
> Nope, nope, not a dope, Pres did NOT write "How to use key pad on sp/mic?"
> but was rather answering someone else's question by saying "can't be done"
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!

Sorry Pres,

I used your reply email to answer the other gentlemans question. It was directed towards him.. Didnt mean to put words in your mouth.. :-)
Regards// Richy

# 12987. Re: [FT100] DC Cable now ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 09:14:22 UTC
From: The Simpsons
Topic: 12983  Message: 12987

I would go for the SG239 as it will allow operation on all HF bands, including 160m. I suspect the matching range will be limited on 160, but at least you are not limited to 40m and above as you are with the ATAS. When parked up for the night etc. run a long wire from the antenna mount (to a convenient tree, perhaps) and let the SG239 match that. Much improved performance.
I use a SG239 in my mobile and it gives me usable performance on 80m through to 10m using a 1.8metre long wound fibreglass whip naturally resonant on 20m. Efficiency is poor on 80, but it does work. It won't match on 160 though. It even matches on 6m although the SG239 is not rated to that frequency. It certainly works there as I can hear beacons that are not audible without the tuner.
I run low mic gain on the FT100 and have found that the DTMF mic produces about 10 watts on SSB when the DTMF tones are being generated. This is more than enough to allow the tuner to tune without damaging the FT100 finals.
No contest as far as I'm concerned!!

Grant, ZL2BK.

----- Original Message -----
From: "Paul Rogers" <g0snw@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, March 19, 2002 7:15 PM
Subject: [FT100] DC Cable now ATAS 100

> > Hi All
> >
> > Just to let you know that I purchased the Poerpole Connecters from
> > www.powerwerx.com and they were here in 5 days, excellant service!!
> >
> > Now I am looking at the ATAS 100 to mount on my Motorhome (RV). I have 2
> > choices, the ATAS or the SG239 atu, both about the same price, go on
> > everyone, comvince me
> >
> > 73 de Paul G0SNW

# 12988. RE: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 09:19:01 UTC
From: Eric van de Weyer
Topic: 12571  Message: 12988

Hi Grant,

I have been buying the Powerpoles from Powerwerk for a couple of years now. I have personally bought two lots of 100 x 30A units and 2 lots of 10 x 75A ones. We haev also bought the same for sale through our local radio club.

I am now well into my second hundred 30A units and still have a way to go before I have everything changed over.

They are a great connector.

I would suggest that you purchase them in these sorts of quantities as it makes the postage and handling less in relative terms. From memory postage is US$25.00.

They have always been prompt even when I put in my second order about 2 or 3 days after Sept 11th they still arrived in about 11 days.

73....Eric VK2KUR
-----Original Message-----
From: The Simpsons [mailto:grant@...]
Sent: Monday, 18 March 2002 7:21 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] RE: DC Cable

I contacted Powerwerx ( www.powerwerx.com ) about international shipping and
they are happy to do so. I have been trying to contact the New Zealand agents here in ZL as well, but they don't answer their phone or return phone
calls when a message is left. Strange way to do business. I am considering replacing all of my dc connections for all my gear with the 30 amp model as
well.
They list 10 sets for $US9.95. 50 sets for $US39.95 for example, so seems a
reasonable price to me.

Grant, ZL2BK.

----- Original Message -----
From: "Blaine" <VE7CQX@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, March 17, 2002 4:23 AM
Subject: RE: [FT100] RE: DC Cable

> Hi Paul,
>
> I have not read all the responses, but just found that
www.westmountain.com
> (the rigblaster people) now have powerpole connectors and accessories in
> small quantities, and reasonable shipping charges (at least to Canada
which
> is what I am comparing). For UK, their web says www.wsplc.com (but that
is
> probably for only the rigblaster products, since that is all the dealer
in
> Canada is handling). Ordered some last night plus the power distribution
> panel, so we will know shortly.
>
> Blaine, VE7CQX
> -----Original Message-----
> From: Paul Rogers [mailto:plprogers@...]
> Sent: Wednesday, February 27, 2002 12:28 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] RE: DC Cable
>
>
> Thanks to all that replied, getting hold of these Powerpoles is not
that
> easy in the UK, the distributer won't e them and the retailers only
carry
> the SB50's which I don't think are suitable. RS Components who retail
> these,
> will sell me 10 of each colour but will charge me huge amounts to send
> them
> to me!!. They will sell me them over the counter if I am trade, which
I
am
> not.
> I won't give up though!!!!!!
>
> Paul
> G0SNW
> ----- Original Message -----
> From: <emoxon@...>
> To: <FT100@yahoogroups.com>
> Sent: Wednesday, February 27, 2002 6:48 PM
> Subject: [FT100] RE: DC Cable
>
>
> > Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put
them
> on
> > your rig(s), your shack supply, your batteries, your battery
combiner.
> Great

> > little connector -- contacts are recessed and they're hermaphroditic
so
> > everything mates with everything. If you have long runs requiring
real
> heavy
> > gauge wire, don't worry about it -- just cut down the diameter at
the
> end
> > where it enters the contact by trimming off some strands before
> soldering.
> > (Take care not to get solder on the business end of the contact.)
> > Mfgr: www.andersonpower.com.
> > www.powerwerx.com has red/black sets in ham quantities. Dunno abt
int'l
> > shipping.
> > Ed, K1GGI .
> >
> > > -----Original Message-----
> > > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > > From: "Paul Rogers" <plprogers@...>
> > > Subject: DC Cable
> > >
> > > I don't know if this subject has been covered before, but here
goes
> > > anyway.
> > >
> > > I want to use my FT100 in 3 areas, from home, in the car daily and
> also
> in
> > > my Motorhome (RV).
> > >
> > > I don't want to pay 30 UKP for each of the DC cables, so has
anyone
> come
> > > up
> > > with an alternative method.
> > >
> > > Thanks in advance.
> > >
> > > Paul
> > > G0SNW

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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 12989. Re: [FT100] RE: DC Cable

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 09:27:00 UTC
From: The Simpsons
Topic: 12571  Message: 12989

I think I will go direct to Powerwerx as well. It makes life a bit easier to deal with the local agent if possible, and the price is often competitive as well. I am looking at quantities of 100 as well.

Thanks for the information.

Grant, ZL2BK.

----- Original Message -----
From: "Eric van de Weyer" <evdw@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, March 19, 2002 9:19 PM
Subject: RE: [FT100] RE: DC Cable

> Hi Grant,
>
> I have been buying the Powerpoles from Powerwerk for a couple of years now.
> I have personally bought two lots of 100 x 30A units and 2 lots of 10 x 75A
> ones. We haev also bought the same for sale through our local radio club.
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> I am now well into my second hundred 30A units and still have a way to go
> before I have everything changed over.
>
> They are a great connector.
>
> I would suggest that you purchase them in these sorts of quantities as it
> makes the postage and handling less in relative terms. From memory postage
> is US$25.00.
>
> They have always been prompt even when I put in my second order about 2 or 3
> days after Sept 11th they still arrived in about 11 days.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: The Simpsons [mailto:grant@...]
> Sent: Monday, 18 March 2002 7:21 AM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] RE: DC Cable
>
>
> I contacted Powerwerx ( www.powerwerx.com ) about international shipping
> and
> they are happy to do so. I have been trying to contact the New Zealand

> agents here in ZL as well, but they don't answer their phone or return
> phone
> calls when a message is left. Strange way to do business. I am
considering
> replacing all of my dc connections for all my gear with the 30 amp model
> as
> well.
> They list 10 sets for $US9.95. 50 sets for $US39.95 for example, so
seems
> a
> reasonable price to me.
>
> Grant, ZL2BK.
>
> ----- Original Message -----
> From: "Blaine" <VE7CQX@...>
> To: <FT100@yahoogroups.com>
> Sent: Sunday, March 17, 2002 4:23 AM
> Subject: RE: [FT100] RE: DC Cable
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> > Hi Paul,
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> is
> > probably for only the rigblaster products, since that is all the
dealer
> in
> > Canada is handling). Ordered some last night plus the power
distribution
> > panel, so we will know shortly.
> >
> > Blaine, VE7CQX
> > -----Original Message-----
> > From: Paul Rogers [mailto:plprogers@...]
> > Sent: Wednesday, February 27, 2002 12:28 PM
> > To: FT100@yahoogroups.com
> > Subject: Re: [FT100] RE: DC Cable
> >
> >
> > Thanks to all that replied, getting hold of these Powerpoles is not
> that
> > easy in the UK, the distributer won't e them and the retailers only

> carry
> > the SB50's which I don't think are suitable. RS Components who
retail
> > these,
> > will sell me 10 of each colour but will charge me huge amounts to
send
> > them
> > to me!!. They will sell me them over the counter if I am trade,
which
> I
> am
> > not.
> > I won't give up though!!!!!!
> >
> > Paul
> > G0SNW
> > ----- Original Message -----
> > From: <emoxon@...>
> > To: <FT100@yahoogroups.com>
> > Sent: Wednesday, February 27, 2002 6:48 PM
> > Subject: [FT100] RE: DC Cable
> >
> >
> > > Forget the Yaesu connector. Get some 30A Anderson Powerpoles. Put
> them
> > on
> > > your rig(s), your shack supply, your batteries, your battery
> combiner.
> > Great
> > > little connector -- contacts are recessed and they're
hermaphroditic
> so
> > > everything mates with everything. If you have long runs requiring
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> > heavy
> > > gauge wire, don't worry about it -- just cut down the diameter at
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> > end
> > > where it enters the contact by trimming off some strands before
> > soldering.
> > > (Take care not to get solder on the business end of the contact.)
> > > Mfgr: www.andersonpower.com.
> > > www.powerwerx.com has red/black sets in ham quantities. Dunno abt
> int'l
> > > shipping.
> > > Ed, K1GGI .
> > >
> > > > -----Original Message-----
> > > > Date: Tue, 26 Feb 2002 19:09:24 -0000
> > > > From: "Paul Rogers" <plprogers@...>

> > > > Subject: DC Cable
> > > >
> > > > I don't know if this subject has been covered before, but here
> goes
> > > > anyway.
> > > >
> > > > I want to use my FT100 in 3 areas, from home, in the car daily
and
> > also
> > in
> > > > my Motorhome (RV).
> > > >
> > > > I don't want to pay 30 UKP for each of the DC cables, so has
> anyone
> > come
> > > > up
> > > > with an alternative method.
> > > >
> > > > Thanks in advance.
> > > >
> > > > Paul
> > > > G0SNW

# 12990. Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 11:20:11 UTC
From: gdsteele
Topic: 12908  Message: 12990

The mic that came with the FT100 has an impedance of 2k. My spec sheet on the MD-100 shows the impedance of the mic to be 500 ohms. Wouldn't a 2:1 audio transformer do the match pretty easily? Or am I missing something?

Jerry K8CMI

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Yes - you will need an impedance step-down pre-amp in order to make
> it work. Go to http://hometown.aol.com/ampmicro and you'll see
> what I mean. Until you do that the audio will be weak and very
> muffled due to the effective low-pass roll-off of you mic input to
> the rig. Too bad Yaesu doesn't make it clear that the MD-100 mic
is
> not compatible with the FT-100(D). Nor is a slew of other mics
with
> nominally high output Z. The rig has a low Z input. The pre-amp
> will take care of the impedance transformation. You really don't
> need any power gain. You just can't have the rig loading down the
> mic output. Good luck.
>
> N6AF Chas
>
> --- In FT100@y..., "mike_ketchum2000" <mike_ketchum@e...> wrote:
> > I just purchased a CT-69 adapter and MD-100a8x desk mic. I hooked
> > them up right out of the box to my FT-100 and now have very low
> > transmit audio when using the MD-100. When I say low I mean I
have
> to
> > practically swallow the mic to get any descent output. If I
switch
> > back the stock mic the audio is right back where it should be
with
> no
> > problems. I turned the mic gain of the radio up to 100 and still
> same
> > results. Is there anything that needs to be done to the MD-100
for
> it
> > to work properly or am I missing something?
> >
> > Thanks,
> >
> > Mike

# 12991. Re: [FT100] Re: Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 15:20:48 UTC
From: Pres Waterman
Topic: 12937  Message: 12991

> Sorry Pres,
>
> I used your reply email to answer the other gentlemans question. It
> was directed towards him.. Didnt mean to put words in your mouth.. :-)

I know Rich, I was just funnin' with you. There are plenty of women in my life who DO put words in my mouth though.

Still lovin' that TS-2000? Do you have 1.2GHz?

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 12992. Re: [FT100] DC Cable now ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 15:13:52 UTC
From: Pres Waterman
Topic: 12983  Message: 12992

> >
> > Now I am looking at the ATAS 100 to mount on my Motorhome (RV). I have 2
> > choices, the ATAS or the SG239 atu, both about the same price, go on
> > everyone, comvince me

ATAS... Automatic is it's first name, and System is it's last... it works with the FT-100 in a fully integrated way. However, in any mobile environment, especially the motor home, RF grounds are critical. How do you plan to handle that when I assume the motor home is largely Fiberglas?

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 12993. Re: [FT100] Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 16:43:36 UTC
From: Peter van Daalen
Topic: 12944  Message: 12993

-----Oorspronkelijk bericht-----
Van: backhoefade <cgarner@...>
Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
Datum: dinsdag 19 maart 2002 4:23
Onderwerp: [FT100] Re: FT-100 Duty Cycle Rating...
If the
device rating is 50% duty cycle, then Average Power should not exceed
50% of the max power rating of the rig, which for the FT-100D would
be 50 Watts. I base the 50 Watts on the fact that the key down CW
average output power specification is 100 Watts.

N6AF Chas

Clearly this is for CW and SSB.
Not for FM ?
If not, why not ?
If yes, how long a time could be transmitted continuously ?
PE1ECM Peter

[Non-text portions of this message have been removed]

# 12994. Re: [FT100] Function Settings

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 17:06:07 UTC
From: David F. Morse
Topic: 12947  Message: 12994

---
Jim; might try this
http://www.k0lee.com/ft100faq.html
and then goto "hidden function settings"

David in Denver
k0dar
////////////////

>I know I have seen it somewhere on the site, but I can't find the
>post containing the optimal F-settings for the FT-100D. The search
>function on the site doesn't help much. Can anyone please direct
>me?
>
>Thanks & 73
>Jim
>KB3BMT
>

--

# 12995. Re: [FT100] Re: MD-100 Low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 16:52:26 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 12908  Message: 12995

2:1 mismatch in a microphone circuit is a pretty good match. The microphone impedance probably varies more than that over the audio spectrum. A dynamic especially would have that much variation. Besides a 500 ohm microphone feeding a 2K load doesn't have a lot of loss from mismatch. And has good frequency response. A 1:2 transformer would make the match perfect and nearly double the voltage at the input of the audio stages. Most all audio stages have excess gain to easily make that 6 dB.

Makes me wonder if the reports of MD-100 not working with FT-100 come from miswiring.

73, Jerry, K0CQ

--
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# 12996. No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 17:43:24 UTC
From: robby106
Topic: 12996  Message: 12996

I bought an FT100 about a year ago and just tried it for the first time in CW. Surprise! It dosen't work. I hear the side tone osc but get no output. VOX won't activate in this mode.

-Robby VY2SS

# 12997. Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 17:14:29 UTC
From: backhoefade
Topic: 12944  Message: 12997

My earlier note reads:

I believe the FT-100D is rated at 100 Watts PEP, based on a 50 % duty cycle. So you can operate normal CW all day long with it set for 100 Watts output. By "normal" I mean NOT "dead keying" for lots of 15 second intervals while you play antenna, etc. That's not 50% duty cycle. You can also operate all day long in SSB at 100 W PEP.

AM operation is a bit trickier because you have the same PEP as SSB but you have an on-going 25 Watts rms carrier present so that raises the overall effective duty cycle a bit. But I would still say the rig can run AM all day long if you limit the output to 100 Watts PEP.

With FM the whole story changes. Here your average power is the same as your peak power so you must drop the output to 50 Watts on the HF bands; 29.6 MHz FM for example.

For 2 meters and 440 FM, I have to assume that since Yaesu advertises "50 Watts" and "20 Watts" output that they mean FM with no time limit. Personally I run mine at half power usually on 2 meters and 440. You give the PA a bit of a break thermally and you only give up half an S unit.

N6AF Chas

--- In FT100@y..., "Peter van Daalen" <vandaalen@c...> wrote:
>
> -----Oorspronkelijk bericht-----
> Van: backhoefade <cgarner@h...>
> Aan: FT100@y... <FT100@y...>
> Datum: dinsdag 19 maart 2002 4:23
> Onderwerp: [FT100] Re: FT-100 Duty Cycle Rating...
> If the
> device rating is 50% duty cycle, then Average Power should not
exceed
> 50% of the max power rating of the rig, which for the FT-100D would
> be 50 Watts. I base the 50 Watts on the fact that the key down CW
> average output power specification is 100 Watts.
>
> N6AF Chas
>
> Clearly this is for CW and SSB.
> Not for FM ?
> If not, why not ?
> If yes, how long a time could be transmitted continuously ?
> PE1ECM Peter

>
>
> [Non-text portions of this message have been removed]

# 12998. Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 17:55:26 UTC
From: backhoefade
Topic: 12996  Message: 12998

I think there's a feature that lets the operator disable the transmitter but still hear the side-tone. It was designed in specifically for CW practice. It's a long shot, but hopefully someone turned on this feature. The other possibility is that your're trying to send CW while the MODE is set to SSB. Switch to CW mode. Also confirm that F15 in the sub-menus isn't dialed down to minimum output. Doubtful. Does it send CW on 2 meters? Does it transmit SSB on HF? You can figure out if the HF amp is shot or if you just have it set up wrong. The rig is a great CW performer.
N6AF Chas

--- In FT100@y..., "robby106" <robby@p...> wrote:
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS

# 12999. Re: [FT100] Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 00:08:11 UTC
From: email
Topic: 12996  Message: 12999

The cw practice option is a possibility. I will try to find out more about that. I am the second owner of this radio although I bought it from a dealer. He is not honoring any warranty. Thanks for your help.

73,

-Robby VY2SS

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Tuesday, March 19, 2002 1:55 PM
Subject: [FT100] Re: No CW

I think there's a feature that lets the operator disable the
transmitter but still hear the side-tone. It was designed in
specifically for CW practice. It's a long shot, but hopefully
someone turned on this feature. The other possibility is that
your're trying to send CW while the MODE is set to SSB. Switch to CW
mode. Also confirm that F15 in the sub-menus isn't dialed down to
minimum output. Doubtful. Does it send CW on 2 meters? Does it
transmit SSB on HF? You can figure out if the HF amp is shot or if
you just have it set up wrong. The rig is a great CW performer.
N6AF Chas

--- In FT100@y..., "robby106" <robby@p...> wrote:
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS

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[Non-text portions of this message have been removed]

# 13000. Re: [FT100] RE No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 01:44:34 UTC
From: lhlousek
Topic: 13000  Message: 13000

Do you have BK turned on in Func screen 8?

Lou W7DZN

# 13001. About Noise in UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 14:49:57 UTC
From: Marco Chiabolotti
Topic: 13001  Message: 13001

I inform .....
Last day, i wrote a message about a problem of noise (wind) of my transceiver Yaesu FT100 when i worked in UHF mode.
I resolved this problem yesterday!
I adjust the VCO with the TC2005. Now it work very well. In the manual service there are reference about level of voltage.
Many thank's for all.

I need other information:

How i can found datasheet about the final power in HF and V-UHF of this radio? (for know the out power)
Can i increase the power with menu? (i think that is not a good idea)
How many power can i use with the ATAS100?
How i can resolve problem with fan speed in V-UHF mode?

Thank's to all.
Marco www.ik0llk.com

[Non-text portions of this message have been removed]

# 13002. Re: [FT100] Function Settings

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-19 23:02:29 UTC
From: kb3bmt@juno.com
Topic: 12947  Message: 13002

Thanks, Davis. That might have been what I thought I saw, but I was thinking I saw optimized settings for the normal menu settings, not the hidden ones. I did find optimized audio settings and will try them out. I did the mike mod last weekend and am already getting better reports.

Thanks

Jim

On Tue, 19 Mar 2002 10:06:07 -0700 "David F. Morse" <dfmorse@...> writes:
> ----------------
> Jim; might try this
> http://www.k0lee.com/ft100faq.html
> and then goto "hidden function settings"
>
> David in Denver
> k0dar
> ////////////////
>
>
>
>
>
> >I know I have seen it somewhere on the site, but I can't find the
> >post containing the optimal F-settings for the FT-100D. The
> search
> >function on the site doesn't help much. Can anyone please direct
> >me?
> >
> >Thanks & 73
> >Jim
> >KB3BMT
> >
>
> --
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
>
>

---------------------------------------------------------------------
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# 13003. Replacement microphones for the FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 02:47:50 UTC
From: kraftwerk1976
Topic: 13003  Message: 13003

Hi, everyone. Thanks for helping me out earlier. I do have another question, though. Does anyone know where I can buy replacement microphones for the FT-100? Preferably, something other than the standard Yaesu MH-36 microphone, and something of commercial quality and more durable? Sorry to bug everyone about this, but I have searched and searched the internet to no avail. I should have known that I could not rewire a Motorola microphone to fit the FT-100.

Thanks for your help!
KC5QFE
Adam

# 13004. Re: Replacement microphones for the FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 06:55:26 UTC
From: hydro274052001
Topic: 13003  Message: 13004

--- In FT100@y..., "kraftwerk1976" <skyline49@c...> wrote:
> Hi, everyone. Thanks for helping me out earlier. I do have
> another question, though. Does anyone know where I can buy
> replacement microphones for the FT-100? Preferably, something
other
> than the standard Yaesu MH-36 microphone, and something of
commercial
> quality and more durable? Sorry to bug everyone about this, but I
> have searched and searched the internet to no avail. I should have
> known that I could not rewire a Motorola microphone to fit the FT-
100.
>
> Thanks for your help!
> KC5QFE
> Adam

I use the Heil HMM-Y on mine and get excellent reports it has
both the HC-4&5 element in it. I use the Yaseu adapter to fit it to
the radio I believe the part # is CT-69 (I could be wrong on the
P/N). I beleive you can order everything from HRO or AES.
Joe
KC5SAA

# 13005. Re: About Noise in UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 06:37:01 UTC
From: ft100guy
Topic: 13001  Message: 13005

> I need other information:
>
> How i can found datasheet about the final power in HF and V-UHF of this radio? (for know the out power)
> Can i increase the power with menu? (i think that is not a good idea)
> How many power can i use with the ATAS100?
> How i can resolve problem with fan speed in V-UHF mode?
>
> Thank's to all.
> Marco www.ik0llk.com

Hello Marco,

The ATAS antenna is rated for 120 watts.

To resolve fan speed (aka fan mod) simply add a 1 watt 29 to 50 ohm resistor to the black fan wire and run it to a ground point.

Run no more than the 100 watts on HF and 6 meters.

Run no more than factory settings for output power on any band...

Dont tamper with the output power at all!! Ciao "Riccardo" N2ZD

# 13006. Re: Sp/Mic on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 07:02:29 UTC
From: ft100guy
Topic: 12937  Message: 13006

> 
> I know Rich, I was just funnin' with you. There are plenty of women
in my
> life who DO put words in my mouth though.
> 
> Still lovin' that TS-2000? Do you have 1.2GHz?
> 
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
> 
> GO BILLS!

I havent installed it yet in the Insight. I have tried it in the new qth but I havent "sowed the land" for the antenna farm yet. I worked a few guys on 20m with a home brew antenna, audio reports good, signal ok. No 1.2 gig module though, not much going on here in the NE. I may install it later on though. In comparison, both have their merits. The FT100 has excellent rx and tx (when modded) and fantastic Audio DSP. Its size and features are as we know a plus..
The Kenwood is way big for mobile installations. Not recommended for those who have to share a vehicle with a spouse if it cant be mounted to avoid damage. Fantastic RX and DSP, the tradeoff is the size. I find the TSB model a little esoteric to use as the manual is mainly for the TS models. If you get one, dont order the mobile bracket as it comes with the free rc-2000.
In addition, the gold rush is on and the sale has depleted all of the current stock of TSB models until June..
Antenna wise, the ATAS was a plus, a no brainer for those looking for an easy antenna installation with the FT100. As we know the Kenwood comes with a tuner but no provision for ATAS operation :-)
I am going to use the atas with a home brew actuator when I finally go mobile. The current selection of Screwdriver antennas are too big for what I need. I dont plan on running a "half gallon" on HF with my Insight and with this in mind the current selection of screwdrivers are quite large in size making them a bad choice for me.
For those who may want one, consider your size concerns before selling your FT100. Believe me, its not an easy task to mount a TSB in your car nor is it worth the swap in my book unless you have good reason to change. The FT100 was VERY suitable for my needs now that I can compare. Believe me, when you do the mods (mic,swr,fan) you end up with one sweet radio thats hard to beat size wise and performance wise.
Dont get me wrong the TS and TSB2k are awesome rigs but very large for mobile use and the fact that I have been spoiled with an ATAS for

three years makes me lean towards ease of operation while mobile.
Regards.. Richy N2ZD

# 13008. Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 13:23:57 UTC
From: kg4fet
Topic: 12996  Message: 13008

--- In FT100@y..., "robby106" <robby@p...> wrote:
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS

Robby,
First thing you need to do is go to Function row # 8 (WRI, PLY, BK, KYR). Push and hold KYR for 1/2 second and figure out which key you are using EL1 EL 2 BUG if you are using a straight key skip all of this and go to the next paragraph. If you plan on using the electronic keyer chose EL1 or 2(Iambic key). If you chose either EL 1 or 2 hit the function button again and return to the main menu and highlight BK by pushing button C. This will enable the electronic keyer. To use an Iambic (electronic KYR)for code practice just have KYR highlighted and not BK.

To use a Straight key just hit Function row 8 button "C" BK once and it will do its thing. Without BK highlighted you will be able to use the rig for CW practice. This is what it sounds to me like you are doing now.

To adjust to break in push and hold "C" BK button and adjust between Full or Semi break in. Function menu items 46-53 all are used for adjustments to CW mode, to adjust type of key, dot/dash size, CW delay, pitch, break in, speed, and QSK delay.

If you need anymore help please feel free to Email me or post here and I will help any way I can.
73 and all the best
DE KG4FET Sandor

# 13009. RE: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 14:18:38 UTC
From: emoxon@alum.mit.edu
Topic: 12996  Message: 13009

Maybe you don't have BK enabled on the cw menu line.
Ed, K1GGI

> -----Original Message-----
> From: FT100@yahoogroups.com [SMTP:FT100@yahoogroups.com]
> Sent: Tuesday, March 19, 2002 8:26 PM
>
> Message: 7
> Date: Tue, 19 Mar 2002 17:43:24 -0000
> From: "robby106" <robby@...>
> Subject: No CW
>
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS
>

# 13010. Comparisons FT 100 and 706

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 17:37:31 UTC
From: ve7baq
Topic: 13010  Message: 13010

Someone was asking about a comparison between the specs on the FT-100 and the IC-706. If you go, to www.mods.dk and click on Yaesu and then on manuals, you can download the ARRL lab report on the FT-100 complete in PDF format (34pages). The IC-706 ARRL report can be obtained at the same site by clicking on ICOM and then manuals. Hope this helps someone.
Einar VE7BAQ

# 13011. Re: [FT100] Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 22:37:13 UTC
From: robert parker
Topic: 12944  Message: 13011

No Sir this is incorrect.

Duty cycle based on a time duration not power output.
Reducing your power output will however increase your
duty cycle.

Please check this on either the web or engineering
books.

Regards,
Robert
VE3RPF

--- Peter van Daalen <vandaalen@...> wrote:
>
> -----Oorspronkelijk bericht-----
> Van: backhoefade <cgarner@...>
> Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
> Datum: dinsdag 19 maart 2002 4:23
> Onderwerp: [FT100] Re: FT-100 Duty Cycle Rating...
> If the
> device rating is 50% duty cycle, then Average Power
> should not exceed
> 50% of the max power rating of the rig, which for
> the FT-100D would
> be 50 Watts. I base the 50 Watts on the fact that
> the key down CW
> average output power specification is 100 Watts.
>
> N6AF Chas
>
> Clearly this is for CW and SSB.
> Not for FM ?
> If not, why not ?
> If yes, how long a time could be transmitted
> continuously ?
> PE1ECM Peter
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 13013. Re: [FT100] Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 00:52:22 UTC
From: John McClain
Topic: 12944  Message: 13013

You know guys, you have almost kicked this dead horse to death. It is very obvious what 100% duty cycle is so lets get back to the FT-100.

John
K7SVV@...
----- Original Message -----
From: robert parker
To: FT100@yahoogroups.com
Sent: Wednesday, March 20, 2002 3:37 PM
Subject: Re: [FT100] Re: FT-100 Duty Cycle Rating...

No Sir this is incorrect.

Duty cycle based on a time duration not power output.
Reducing your power output will however increase your duty cycle.

Please check this on either the web or engineering books.

Regards,
Robert
VE3RPF

--- Peter van Daalen <vandaalen@...> wrote:
>
> -----Oorspronkelijk bericht-----
> Van: backhoefade <cgarner@...>
> Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
> Datum: dinsdag 19 maart 2002 4:23
> Onderwerp: [FT100] Re: FT-100 Duty Cycle Rating...
> If the
> device rating is 50% duty cycle, then Average Power
> should not exceed
> 50% of the max power rating of the rig, which for
> the FT-100D would
> be 50 Watts. I base the 50 Watts on the fact that
> the key down CW
> average output power specification is 100 Watts.
>
> N6AF Chas
>
> Clearly this is for CW and SSB.
> Not for FM ?
> If not, why not ?
> If yes, how long a time could be transmitted

> continuously ?
> PE1ECM Peter
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 13014. Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 10:57:44 UTC
From: barry_zoll
Topic: 12946  Message: 13014

Hey Guys, here's a new one!

The SWR Icon is appearing intermittently on 70 cm. Sometimes I turn on the rig and it will appear when cold, sometimes it the icon doesn't appear. I sent the radio in for some other swr isues (40M) and asked for the fan mod but I'm not sure if they did it.

Thanks to all who responded and 73

# 13015. Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-20 16:12:23 UTC
From: ft100guy
Topic: 12996  Message: 13015

_ _ · _ _ _ ··· · _ _· _·· _ _ _ ·_· !!

> Robby,
> First thing you need to do is go to Function row # 8 (WRI, PLY, BK,
> KYR). Push and hold KYR for 1/2 second and figure out which key
you
> are using EL1 EL 2 BUG if you are using a straight key skip all of
> this and go to the next paragraph. If you plan on using the
> electronic keyer chose EL1 or 2(Iambic key). If you chose either EL
1
> or 2 hit the function button again and return to the main menu and
> highlight BK by pushing button C. This will enable the electronic
> keyer. To use an Iambic (electronic KYR)for code practice just
have
> KYR highlighted and not BK.
>
> To use a Straight key just hit Function row 8 button "C" BK once
and
> it will do its thing. Without BK highlighted you will be able to
use
> the rig for CW practice. This is what it sounds to me like you are
> doing now.
>
> To adjust to break in push and hold "C" BK button and adjust
between
> Full or Semi break in. Function menu items 46-53 all are used for
> adjustments to CW mode, to adjust type of key, dot/dash size, CW
> delay, pitch, break in, speed, and QSK delay.
>
> If you need anymore help please feel free to Email me or post here
> and I will help any way I can.
> 73 and all the best
> DE KG4FET Sandor

# 13016. Re: [FT100] Re: Hi SWR Icon on 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 01:59:53 UTC
From: Alek Petkovic
Topic: 12946  Message: 13016

Contrary to what others say on the 440 hi swr thing it is caused by a fault in the internal vhf uhf duplexer. This has been the case with at least 4 units that I personally know of. When my mate's radio and my radio developed the fault we sent them off togther and the service department here in Australia did not have the correct mod kit from Yaesu America. They then rang us and asked if we would mind them making do with locally available components. We said ok. In both cases, the fix was ok for a couple of months and then the same fault happened. We sent the radios back and this time they had the correct kit and procedure to fix the duplexers. It has been good for 2 years now. I had them fit the am filter while they were at it and it is great.

A couple of months ago, I did the resistor mod for the vhf/uhf fans and did the metal strap thing as well. I did not remove the board to drill a hole in the chassis rib. I used the lid cover hole so that when the lid is screwed down, the strap is firmly bonded to the chassis of the radio. Simple.

73 and good luck.
Alek. VK6APK

ps: We are lucky in Australia. On all occasions we delivered and picked up our radios at the local distributor's outlet. They air freighted it across the country at their expense. Turn around time the first time was 9 days. The second time, 6 days. I guess that's why we pay more initially for the radio here.

At 10:57 AM 20-03-02 +0000, you wrote:
>Hey Guys, here's a new one!
>
>The SWR Icon is appearing intermittently on 70 cm. Sometimes I turn
>on the rig and it will appear when cold, sometimes it the icon
>doesn't appear. I sent the radio in for some other swr isues (40M)
>and asked for the fan mod but I'm not sure if they did it.
>
>Thanks to all who responded and 73
>
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

>We are all a part of this Lets make it as good as possible.
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# 13017. Finally mobile!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 02:02:07 UTC
From: zr2er
Topic: 13017  Message: 13017

Greetings fellow FT-100D owners;

The weather has finally let me install my FT-100D in the pickup.
My first contact was with OX3OX in Greenland and a 5X9 report!
After logging over 200 miles on the road during the last 2
days,worked 20 countries and 35 states on 20 thru 10 meters. The
radio tunes the ATAS-100 on the WARC bands quite well also. No major
problems with ignition noise or high swr after the install.

73***FRANK***KD3D

# 13018. Re: DC Cable now ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 07:16:20 UTC
From: Paul Rogers
Topic: 12983  Message: 13018

The motorhome is mainly aluminium.

I was to attach it to the ladder rack which in turn connects to the very large roof rack that is on the RV. I've experimented with ali ground planes in the past and they were fine.

I'm still edging towards the SG239 or the LG AT-11

Paul

> Message: 3
> Date: Tue, 19 Mar 2002 10:13:52 -0500
> From: Pres Waterman <presw@...>
> Subject: Re: DC Cable now ATAS 100
>
> > >
> > > Now I am looking at the ATAS 100 to mount on my Motorhome (RV). I have
2
> > > choices, the ATAS or the SG239 atu, both about the same price, go on
> > > everyone, comvince me
>
>
> ATAS... Automatic is it's first name, and System is it's last... it works
> with the FT-100 in a fully integrated way. However, in any mobile
> environment, especially the motor home, RF grounds are critical. How do
you
> plan to handle that when I assume the motor home is largely Fiberglas?
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> GO BILLS!
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>

# 13019. Re: [FT100] Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 12:41:17 UTC
From: Robby
Topic: 12996  Message: 13019

It was the BK switch. Guess I tried everything but that one. Getting old. Thanks to all who replied.

-Robby
----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Wednesday, March 20, 2002 12:12 PM
Subject: [FT100] Re: No CW

_ _ · _ _ _ ··· · _ _· _·· _ _ _ ·_· !!

> Robby,
> First thing you need to do is go to Function row # 8 (WRI, PLY, BK,
> KYR). Push and hold KYR for 1/2 second and figure out which key
you
> are using EL1 EL 2 BUG if you are using a straight key skip all of
> this and go to the next paragraph. If you plan on using the
> electronic keyer chose EL1 or 2(Iambic key). If you chose either EL
1
> or 2 hit the function button again and return to the main menu and
> highlight BK by pushing button C. This will enable the electronic
> keyer. To use an Iambic (electronic KYR)for code practice just
have
> KYR highlighted and not BK.
>
> To use a Straight key just hit Function row 8 button "C" BK once
and
> it will do its thing. Without BK highlighted you will be able to
use
> the rig for CW practice. This is what it sounds to me like you are
> doing now.
>
> To adjust to break in push and hold "C" BK button and adjust
between
> Full or Semi break in. Function menu items 46-53 all are used for
> adjustments to CW mode, to adjust type of key, dot/dash size, CW
> delay, pitch, break in, speed, and QSK delay.
>
> If you need anymore help please feel free to Email me or post here
> and I will help any way I can.
> 73 and all the best
> DE KG4FET Sandor

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[Non-text portions of this message have been removed]

# 13020. Re: [FT100] Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 12:46:17 UTC
From: Robby
Topic: 12996  Message: 13020

Thanks Sandor,

It was to BK button that fooled me. THanks for your help

-RObby
VY2SS

----- Original Message -----
From: kg4fet
To: FT100@yahoogroups.com
Sent: Wednesday, March 20, 2002 9:23 AM
Subject: [FT100] Re: No CW

--- In FT100@y..., "robby106" <robby@p...> wrote:
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS

Robby,
First thing you need to do is go to Function row # 8 (WRI, PLY, BK, KYR). Push and hold KYR for 1/2 second and figure out which key you are using EL1 EL 2 BUG if you are using a straight key skip all of this and go to the next paragraph. If you plan on using the electronic keyer chose EL1 or 2(Iambic key). If you chose either EL 1 or 2 hit the function button again and return to the main menu and highlight BK by pushing button C. This will enable the electronic keyer. To use an Iambic (electronic KYR)for code practice just have KYR highlighted and not BK.

To use a Straight key just hit Function row 8 button "C" BK once and it will do its thing. Without BK highlighted you will be able to use the rig for CW practice. This is what it sounds to me like you are doing now.

To adjust to break in push and hold "C" BK button and adjust between Full or Semi break in. Function menu items 46-53 all are used for adjustments to CW mode, to adjust type of key, dot/dash size, CW delay, pitch, break in, speed, and QSK delay.

If you need anymore help please feel free to Email me or post here and I will help any way I can.
73 and all the best
DE KG4FET Sandor

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[Non-text portions of this message have been removed]

# 13021. Re: [FT100] RE: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 12:47:04 UTC
From: Robby
Topic: 12996  Message: 13021

Yup! Thats what it was. THanks Ed.

-Robby
VY2SS

----- Original Message -----
From: emoxon@...
To: FT100@yahoogroups.com
Sent: Wednesday, March 20, 2002 10:18 AM
Subject: [FT100] RE: No CW

Maybe you don't have BK enabled on the cw menu line.
Ed, K1GGI

> -----Original Message-----
> From: FT100@yahoogroups.com [SMTP:FT100@yahoogroups.com]
> Sent: Tuesday, March 19, 2002 8:26 PM
>
> Message: 7
> Date: Tue, 19 Mar 2002 17:43:24 -0000
> From: "robby106" <robby@...>
> Subject: No CW
>
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS
>

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[Non-text portions of this message have been removed]

# 13022. Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 14:48:47 UTC
From: Bob Evans
Topic: 12996  Message: 13022

Robby,

I'm sure the problem is something simple, but if you still don't have it working by the time ARRL Sweepstakes CW rolls around in November, I'll let you borrow my FT-100 (I'll pay shipping both ways!). VY2 is a VERY rare multiplier in Sweepstakes and it would be a shame if you couldn't get on. Plus you have the perfect call for Sweepstakes :-)

GL,
Bob K5WA

> -----Original Message-----
> From: FT100@yahoogroups.com [SMTP:FT100@yahoogroups.com]
> Sent: Tuesday, March 19, 2002 8:26 PM
>
> Message: 7
> Date: Tue, 19 Mar 2002 17:43:24 -0000
> From: "robby106" <robby@...>
> Subject: No CW
>
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS
>

# 13023. Re: [FT100] Re: No CW

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 15:40:13 UTC
From: Robby
Topic: 12996  Message: 13023

Thanks Bob,

Thanks for the offer. The problem was the BK button. Not clear in the documentation.

If you remind me a week before the contest, I will make a poing of generating some activity from VY2. I use the FT100 in the car. Have a TS-950 and a IC-756 in the shack. So I have no valid excuse.

See you in SS frmo VY2SS.

-Robby
----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 10:48 AM
Subject: [FT100] Re: No CW

Robby,

I'm sure the problem is something simple, but if you still don't have it
working by the time ARRL Sweepstakes CW rolls around in November, I'll let
you borrow my FT-100 (I'll pay shipping both ways!). VY2 is a VERY rare
multiplier in Sweepstakes and it would be a shame if you couldn't get on.
Plus you have the perfect call for Sweepstakes :-)

GL,
Bob K5WA

> -----Original Message-----
> From: FT100@yahoogroups.com [SMTP:FT100@yahoogroups.com]
> Sent: Tuesday, March 19, 2002 8:26 PM
>
> Message: 7
> Date: Tue, 19 Mar 2002 17:43:24 -0000
> From: "robby106" <robby@...>
> Subject: No CW
>
> I bought an FT100 about a year ago and just tried it for the first
> time in CW. Surprise! It dosen't work. I hear the side tone osc
> but get no output. VOX won't activate in this mode.
>
> -Robby VY2SS
>

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[Non-text portions of this message have been removed]

# 13024. Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 15:56:23 UTC
From: Bob Evans
Topic: 12944  Message: 13024

Robert,

I agree with you in the technical definition of duty cycle, however, Yaesu's 50% "duty cycle" rating is probably designed as a guideline for acceptable levels of total heat dissipation on the unit, not just time off/on. Think about it, by your definition, a key-down FT-100 running 100mW of FM will die at exactly the same time as an FT-100 running 140W FM. That just doesn't make sense. When your engineering books refer to Time on, they are actually assuming that 100% power output is part of that equation.

I prefer the definition of: ((Time on/(Time on + time off))*(% of full output power))= Acceptable heat dissipation duty cycle (AHDDC) for an FT-100. (Time on/Time on + Time off) average duty cycles per mode can be more simply replaced by mode correlated substitutes: CW ~50% , SSB ~33% (no PRO), AM ~66-75%, FM 100%, HF Packet ~33%, V/U Packet 100%, HF Amtor 50%, HF RTTY 50%, SSTV 100%. Then multiply this by percent of full power for AHDDC. I believe there is also one more caveat: Time on should never exceed 10 minutes. (It might be 30 minutes, but I don't have the specs in front of me).

I have personally tested the CW "duty cycle" with 48 hours of continuous operation in CW contests. The rig worked perfectly at 100% output because I was within the 50% "duty cycle" rating (CW 50% * 100% power = 50% AHDDC) and I never went key-down for more than 10 minutes. However, if I get on 2M FM and talk for 10 minutes, the rig would be "toast" (U.S. vernacular for ruined) if the power was set to 100%.

Just a thought...

73,
Bob K5WA

>Message: 12
> Date: Wed, 20 Mar 2002 17:37:13 -0500 (EST)
> From: robert parker <valveman_6146@...>
>Subject: Re: Re: FT-100 Duty Cycle Rating...
>
>No Sir this is incorrect.
>
>Duty cycle based on a time duration not power output.
>Reducing your power output will however increase your
>duty cycle.
>
>Please check this on either the web or engineering
>books.
>

>Regards,
>Robert
>VE3RPF

# 13025. convince me

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 16:54:22 UTC
From: Trm Martens
Topic: 13025  Message: 13025

Hello Group. I have the ATAS mounted on my fiberglass Moterhome on a 'bike rack' put on by the previous owner. Its welded to the frame and has a plate that is about 12" x 18" and hangs about 8' above the ground. Works great! I have also seen an ATAS mounted on the ladder but could not say how well it worked or if it had a separate grounding cable to the frame. 73, Tom VE6TRM

> > > Now I am looking at the ATAS 100 to mount on my Motorhome (RV). I have
> > > choices, the ATAS or the SG239 atu, both about the same price, go on
> > > everyone, convince me
>
>
> ATAS... Automatic is it's first name, and System is it's last... it works
> with the FT-100 in a fully integrated way. However, in any mobile
> environment, especially the motor home, RF grounds are critical. How do
you
> plan to handle that when I assume the motor home is largely Fiberglas?
>

[Non-text portions of this message have been removed]

# 13026. Re: Finally mobile!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 14:08:45 UTC
From: ft100guy
Topic: 13017  Message: 13026

--- In FT100@y..., "zr2er" <KD3DFRANK@H...> wrote:
> Greetings fellow FT-100D owners;
>
> The weather has finally let me install my FT-100D in the pickup.
> My first contact was with OX3OX in Greenland and a 5X9 report!
> After logging over 200 miles on the road during the last 2
> days,worked 20 countries and 35 states on 20 thru 10 meters. The
> radio tunes the ATAS-100 on the WARC bands quite well also. No
major
> problems with ignition noise or high swr after the install.
>
> 73***FRANK***KD3D

Hi Frank and congrads on ur installation. Every so often spray the boot on the atas with silicone spray to keep it pliable and weatherproof. If you start to notice touchy tuning on 17m then its time for a tune up. Simply remove the boot and extend the antenna all of the way up and clean the coil, remove the contact screws and clean and adjust them for positive contact I give it spritz of contact lube and a shot of silicone spray inside the boot for good measure, it has kept mine working FB for 3 years. When you remove the ATAS, from your car grasp it from the base only and not by the tube. Remember to clean and lighty lube the antenna connection every so often. Use a good amount of silicone spray to get the boot back over the black antenna top and while ur at it, remove the stainless antenna and lube inside the hole as this will make removal easier in the future. Mine bonded to the base and its a bear to get apart when it does that. Also make sure you have a good ground at the base of the antenna, this will make the antenna tune better with a local ground. Good Luck Richy N2ZD

# 13027. Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 17:13:41 UTC
From: backhoefade
Topic: 12944  Message: 13027

Just gotta say it one more time - duty cycle in thermal systems is all about long term average developed power, not simply "percentage time 'on'". It is not a simple time ratio except for systems with two power states, full power and zero power.

The key point I made in my post was that the time duration that the unit can be "on" continuously is limited by the ability of the heatsink / fan system to exhaust the heat. In other words, you cannot expect a transmitter which is rated for 50% duty cycle to be able to be "on" for 3 hours and then "off" for three hours and survive. That's ridiculous. The 50% duty cycle rating (or whatever the percentage happens to be) is practically limited by whatever maximum continuous "on" time the unit can handle without exceeding its maximum temperature spec. If the absolute value of the duration of "on" time in the definition of duty cycle was unlimited then "duty cycle" would have no practical meaning for equipment which has less than a 100% duty cycle rating. The "on" time would be completely arbitrary, say 4 days "on" followed by 4 days "off". Sure, it operated at "50% duty cycle" over those 8 days; but after about 32 minutes the finals burned up due to massive over temperature. Duty cycle, when applied to equipment which generates heat is all about power. The average power developed during the subject period must not exceed X % of the peak power rating of the device.

Mathematically:

Average Power = 1/T times the integral P(t)dt, integrated over the time period of measurement, where P(t) is any function of power versus time and T is the period of the measurement. The value of the integration is the total energy developed during the measurement. When the total energy is divided by the time measurement interval, T, you have the average power developed during that interval. If the device rating is 50% duty cycle, then Average Power should not exceed 50% of the max power rating of the rig, which for the FT-100D would be 50 Watts. I base the 50 Watts on the fact that the key down CW average output power specification is 100 Watts.

N6AF Chas

--- In FT100@y..., "Bob Evans" <bevans@h...> wrote:
> Robert,
>
> I agree with you in the technical definition of duty cycle, however, Yaesu's
> 50% "duty cycle" rating is probably designed as a guideline for acceptable

> levels of total heat dissipation on the unit, not just time
off/on. Think
> about it, by your definition, a key-down FT-100 running 100mW of FM
will die
> at exactly the same time as an FT-100 running 140W FM. That just
doesn't
> make sense. When your engineering books refer to Time on, they are
actually
> assuming that 100% power output is part of that equation.
>
> I prefer the definition of: ((Time on/(Time on + time off))*(% of
full
> output power))= Acceptable heat dissipation duty cycle (AHDDC) for
an
> FT-100. (Time on/Time on + Time off) average duty cycles per mode
can be
> more simply replaced by mode correlated substitutes: CW ~50% , SSB
~33% (no
> PRO), AM ~66-75%, FM 100%, HF Packet ~33%, V/U Packet 100%, HF
Amtor 50%, HF
> RTTY 50%, SSTV 100%. Then multiply this by percent of full power
for AHDDC.
> I believe there is also one more caveat: Time on should never
exceed 10
> minutes. (It might be 30 minutes, but I don't have the specs in
front of
> me).
>
> I have personally tested the CW "duty cycle" with 48 hours of
continuous
> operation in CW contests. The rig worked perfectly at 100% output
because I
> was within the 50% "duty cycle" rating (CW 50% * 100% power = 50%
AHDDC) and
> I never went key-down for more than 10 minutes. However, if I get
on 2M FM
> and talk for 10 minutes, the rig would be "toast" (U.S. vernacular
for
> ruined) if the power was set to 100%.
>
> Just a thought...
>
> 73,
> Bob K5WA
>
>
>
>
> >Message: 12
> > Date: Wed, 20 Mar 2002 17:37:13 -0500 (EST)

> > From: robert parker <valveman_6146@y...>
> >Subject: Re: Re: FT-100 Duty Cycle Rating...
> >
> >No Sir this is incorrect.
> >
> >Duty cycle based on a time duration not power output.
> >Reducing your power output will however increase your
> >duty cycle.
> >
> >Please check this on either the web or engineering
> >books.
> >
> >Regards,
> >Robert
> >VE3RPF

# 13028. Filter selection...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 21:00:10 UTC
From: f6dhi
Topic: 13028  Message: 13028

Hi guys....TU for your attention. I've seen on the 1999 QST
Product Review about FT100, it is possible to select the 500 hz
narrow band filter in SSB for PSK use, for exemple. I tried a lot of
things...but nothing !!! I can't use this filter on my FT100D in
SSB !?!?
I use the split mode CW/SSB but not a smart solution !

Any idea ? Tu for your help.

73 From F6DHI/JN23RK

# 13029. Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 23:32:07 UTC
From: wb0dul
Topic: 13029  Message: 13029

I just ordered a new FT-100D. I know there was an FT-100 and I'm unsure of the difference between the 2 models.

Am I in the correct Yahoo Group for the radio I will be receiving on Monday, the FT-100D?

If not, can someone tell me the location for the FT-100D group?

Thanks,

Dick
wb0dul@...

# 13030. Re: [FT100] Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-21 23:40:30 UTC
From: Alek Petkovic
Topic: 13029  Message: 13030

The 100D list is in the other room down the corridor but post to this list
and we'll pass it on.

That's what friends are for.

Yeah, you're in the right place. Welcome.

73, Alek. VK6APK

At 11:32 PM 21-03-02 +0000, you wrote:
>I just ordered a new FT-100D. I know there was an FT-100 and I'm
>unsure of the difference between the 2 models.
>
>Am I in the correct Yahoo Group for the radio I will be receiving on
>Monday, the FT-100D?
>
>If not, can someone tell me the location for the FT-100D group?
>
>Thanks,
>
>Dick
>wb0dul@...
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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# 13031. Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 00:03:25 UTC
From: backhoefade
Topic: 13029  Message: 13031

The 100 and 100D are basically the same radio, except the 100D has a somewhat bigger speaker and comes equipped with three "options" that aren't included with the older FT-100. They are: 500 Hz CW filter, TCXO high stability oscillator and CTCSS Decoder Unit.

Welcome to the group. You should find all the info you'll ever need or want to know about the rig right here.

N6AF Chas

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I just ordered a new FT-100D. I know there was an FT-100 and I'm
> unsure of the difference between the 2 models.
>
> Am I in the correct Yahoo Group for the radio I will be receiving
on
> Monday, the FT-100D?
>
> If not, can someone tell me the location for the FT-100D group?
>
> Thanks,
>
> Dick
> wb0dul@a...

# 13032. Re: [FT100] Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 00:09:48 UTC
From: Dick Thompson
Topic: 13029  Message: 13032

Thanks, Alek. I got a laugh out of that one. I guess the reason I asked the question was because I saw more reference to the FT-100 than to the FT-100D. Again, thanks. I'm looking forward to geting the radio and putting it on the air. It'll make a nice addition along with my FT-920.

73,

Dick
wb0dul

----- Original Message -----
From: Alek Petkovic
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 4:40 PM
Subject: Re: [FT100] Am I in the right place?

The 100D list is in the other room down the corridor but post to this list
and we'll pass it on.

That's what friends are for.

Yeah, you're in the right place. Welcome.

73, Alek. VK6APK

At 11:32 PM 21-03-02 +0000, you wrote:
>I just ordered a new FT-100D. I know there was an FT-100 and I'm
>unsure of the difference between the 2 models.
>
>Am I in the correct Yahoo Group for the radio I will be receiving on
>Monday, the FT-100D?
>
>If not, can someone tell me the location for the FT-100D group?
>
>Thanks,
>
>Dick
>wb0dul@...
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 13033. Re: [FT100] Re: FT-100 Duty Cycle Rating...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 01:44:50 UTC
From: robert parker
Topic: 12944  Message: 13033

Then enlighten us John!
--- John McClain <digi2@...> wrote:
> You know guys, you have almost kicked this dead
> horse to death. It is
> very obvious what 100% duty cycle is so lets get
> back to the FT-100.
>
> John
> K7SVV@...
> ----- Original Message -----
> From: robert parker
> To: FT100@yahoogroups.com
> Sent: Wednesday, March 20, 2002 3:37 PM
> Subject: Re: [FT100] Re: FT-100 Duty Cycle Rating...
>
>
> No Sir this is incorrect.
>
> Duty cycle based on a time duration not power
> output.
> Reducing your power output will however increase
> your
> duty cycle.
>
> Please check this on either the web or engineering
> books.
>
> Regards,
> Robert
> VE3RPF
>
>
> --- Peter van Daalen <vandaalen@...> wrote:
> >
> > -----Oorspronkelijk bericht-----
> > Van: backhoefade <cgarner@...>
> > Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
> > Datum: dinsdag 19 maart 2002 4:23
> > Onderwerp: [FT100] Re: FT-100 Duty Cycle Rating...
> > If the
> > device rating is 50% duty cycle, then Average
> Power
> > should not exceed
> > 50% of the max power rating of the rig, which for
> > the FT-100D would

> > be 50 Watts. I base the 50 Watts on the fact that
> > the key down CW
> > average output power specification is 100 Watts.
> >
> > N6AF Chas
> >
> > Clearly this is for CW and SSB.
> > Not for FM ?
> > If not, why not ?
> > If yes, how long a time could be transmitted
> > continuously ?
> > PE1ECM Peter
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
>

---
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>
>
> Post message: FT100@yahoogroups.com
> Subscribe:
> FT100-subscribe@yahoogroups.com
> Unsubscribe:
> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
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>
>
>

---
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# 13034. a better TCXO for the FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 03:33:59 UTC
From: Tom Tishken KD4WOV
Topic: 12944  Message: 13034

Hello,
Does anyone know where I can get or retrofit a better TCXO for the FT-100D. the TCXO in the D is only 1 ppm. Does anyone know where I can get a .5 ppm TCXO. I am looking at also the possibility of slide on Crystal heater/ovens for all the Crystals to make the FT-100d more stable.

# 13035. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 03:43:56 UTC
From: Dick Thompson
Topic: 13029  Message: 13035

Thanks, Chas. I should be receiving the rig tomorrow or Monday. I'm sure I'll get a lot of information from the guys on the group. Thanks for the welcome.

73,

Dick
wb0dul@...

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 5:03 PM
Subject: [FT100] Re: Am I in the right place?

The 100 and 100D are basically the same radio, except the 100D has a somewhat bigger speaker and comes equipped with three "options" that aren't included with the older FT-100. They are: 500 Hz CW filter, TCXO high stability oscillator and CTCSS Decoder Unit.

Welcome to the group. You should find all the info you'll ever need or want to know about the rig right here.

N6AF Chas

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I just ordered a new FT-100D. I know there was an FT-100 and I'm
> unsure of the difference between the 2 models.
>
> Am I in the correct Yahoo Group for the radio I will be receiving
on
> Monday, the FT-100D?
>
> If not, can someone tell me the location for the FT-100D group?
>
> Thanks,
>
> Dick
> wb0dul@a...

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13036. Re: a better TCXO for the FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 04:06:52 UTC
From: backhoefade
Topic: 12944  Message: 13036

Just curious why you want 0.5 ppm. Do you realize that the digital display's least significant digit is only 10 Hz? That translates to a display tolerance of +/- 10 Hz so you already pretty much gave up the "set-ability" accuracy due to that. For example, when it reads 7005.23 kHz you don't really know if the rig is right on the verge of displaying 7005.22 or 7005.24 so there 'ya go; you're already 20 Hz "blind". Guess you could argue that every 0.5 ppm helps. I was just asking what(italicized) it helps! You know what's going to happen if you make that thing perfectly stable? Then the entire ham community is going to appear to be drifting around - might make you kinda dizzy.
N6AF Chas

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> Hello,
> Does anyone know where I can get or retrofit a better TCXO for the
> FT-100D. the TCXO in the D is only 1 ppm. Does anyone know where I can get a
> .5 ppm TCXO. I am looking at also the possibility of slide on Crystal
> heater/ovens for all the Crystals to make the FT-100d more stable.

# 13037. RE: [FT100] Re: a better TCXO for the FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 04:29:39 UTC
From: Tom Tishken KD4WOV
Topic: 12944  Message: 13037

when you are on 144 or 432 MHz .5 ppm is .5 x 144 = +-72 Hz or possibly 144 Hz error. On 432 it is +-216 Hz or 432 Hz error. the TCXO in stalled is only 1 ppm(864 Hz error on 432), but that does not count the stability of the mixer and other crystals. I believe there is 3 major crystals ( I could be wrong) in the rig. now multiply your error rate by 3 x 1 ppm you now have a possible 2592 Hz error. Now on SSB 2.6 KHz is a huge error, on FM it makes only a slight difference.

Now you ask does .5 ppm really make a difference? it does on VHF and UHF. On HF the error is a lot smaller, heck you can get by with 5 ppm on HF(except possibly 12, and 10 meters). So so you understand why I want something more stable. the FT-817 has a TCXO of .5 ppm, so why did they not use a .5 ppm in the FT-100d? Hmmm maybe the 9th wonder of the universe.

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, March 21, 2002 11:07 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: a better TCXO for the FT-100D?

Just curious why you want 0.5 ppm. Do you realize that the digital display's least significant digit is only 10 Hz? That translates to a display tolerance of +/- 10 Hz so you already pretty much gave up the "set-ability" accuracy due to that. For example, when it reads 7005.23 kHz you don't really know if the rig is right on the verge of displaying 7005.22 or 7005.24 so there 'ya go; you're already 20 Hz "blind". Guess you could argue that every 0.5 ppm helps. I was just asking what(italicized) it helps! You know what's going to happen if you make that thing perfectly stable? Then the entire ham community is going to appear to be drifting around - might make you kinda dizzy.
N6AF Chas

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> Hello,
> Does anyone know where I can get or retrofit a better TCXO for the
> FT-100D. the TCXO in the D is only 1 ppm. Does anyone know where I can get a
> .5 ppm TCXO. I am looking at also the possibility of slide on Crystal
> heater/ovens for all the Crystals to make the FT-100d more stable.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com

FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 13038. Re: Noise UHF mode

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 05:06:44 UTC
From: kc7gsg
Topic: 12945  Message: 13038

--- In FT100@y..., "Marco Chiabolotti" <newsmarco@i...> wrote:
> Hi, I'm Marco IK0LLK. I'm sorry for my inglish that is bad!
> I have a problem with my Yaesu FT100.
> Last year i changed the main unit becouse when i start my car the extracourrent demaget it.
> Now i have a other problem.
> When i go in UHF 432MHZ FM my receicer present (have) many noise
> I think that is a problem to PLL.
> Have someone the same problem?
> Many Thank's again.
> Marco www.ik0llk.com
>
>
>
> [Non-text portions of this message have been removed]

Marco,

I have the same problem. I don't think the FT-100 filters out the CTCSS tones used to access some repeaters. I found that I can use the band pass DSP filter to eliminate most of the noise. I set menu #19 DSP HPF to a value over 200 to cut out the CTCSS tones. Works pretty good.

Good Luck,

Sean
KC7GSG

# 13039. Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 06:39:16 UTC
From: n9cv
Topic: 13029  Message: 13039

You have too watch this guy Dick. Do not trust him to pass it on as everything is upside down where he lives. He even drives his car on the wrong side of the road. You know what, his neighbors do not seem to mind. They all live upside down and drive on the wrong side of the road also. Winter is coming soon to VK land.

Hi Alek,

Welcome Dick.

Ken - N9CV

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> The 100D list is in the other room down the corridor but post to this list
> and we'll pass it on.
>
> That's what friends are for.
>
> Yeah, you're in the right place. Welcome.
>
> 73, Alek. VK6APK
>
>
> At 11:32 PM 21-03-02 +0000, you wrote:
> >I just ordered a new FT-100D. I know there was an FT-100 and I'm
> >unsure of the difference between the 2 models.
> >
> >Am I in the correct Yahoo Group for the radio I will be receiving on
> >Monday, the FT-100D?
> >
> >If not, can someone tell me the location for the FT-100D group?
> >
> >Thanks,
> >
> >Dick
> >wb0dul@a...
> >
> >
> >
> >
> >Post message: FT100@y...
> >Subscribe: FT100-subscribe@y...
> >Unsubscribe: FT100-unsubscribe@y...
> >List owner: FT100-owner@y...

> >FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> >We are all a part of this Lets make it as good as possible.
> >
> >Your use of Yahoo! Groups is subject to
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# 13040. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 09:42:44 UTC
From: Alek Petkovic
Topic: 13029  Message: 13040

Yeah, well one day I'm gonna come up on top and as soon as I get my
balance, I'm comin' after you guys. Your calls have been noted. I know
where you live.

No, wait a minute. I've thought of something much worse. I'll send you my
neighbors.

Hi hi.

73, Alek.

At 06:39 AM 22-03-02 +0000, you wrote:
>You have too watch this guy Dick. Do not trust him to pass it on as
>everything is upside down where he lives. He even drives his car on
>the wrong side of the road. You know what, his neighbors do not seem
>to mind. They all live upside down and drive on the wrong side of
>the road also. Winter is coming soon to VK land.
>
>Hi Alek,
>
>Welcome Dick.
>
>Ken - N9CV
>
>--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> > The 100D list is in the other room down the corridor but post to
>this list
> > and we'll pass it on.
> >
> > That's what friends are for.
> >
> > Yeah, you're in the right place. Welcome.
> >
> > 73, Alek. VK6APK
> >
> >
> > At 11:32 PM 21-03-02 +0000, you wrote:
> > >I just ordered a new FT-100D. I know there was an FT-100 and I'm
> > >unsure of the difference between the 2 models.
> > >
> > >Am I in the correct Yahoo Group for the radio I will be receiving
>on
> > >Monday, the FT-100D?
> > >
> > >If not, can someone tell me the location for the FT-100D group?
> > >

> > >Thanks,
> > >
> > >Dick
> > >wb0dul@a...
> > >
> > >
> > >
> > >
> > >Post message: FT100@y...
> > >Subscribe: FT100-subscribe@y...
> > >Unsubscribe: FT100-unsubscribe@y...
> > >List owner: FT100-owner@y...
> > >FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > >We are all a part of this Lets make it as good as possible.
> > >
> > >Your use of Yahoo! Groups is subject to
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>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
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>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 13041. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 14:44:40 UTC
From: Bob Evans
Topic: 13041  Message: 13041

Bon jour mon ami,

The 500Hz crystal filter is only available in CW. If you used a 500Hz filter on PSK, you would miss the ability to view all the stations on frequency. I normally set mine to 1800-2000Hz in the software and leave the rig in SSB mode. However, if you REALLY want 500 Hz, you have the DSP filters that work great on PSK. Push and hold the DSP button until the menu changes to LPF. Set the LPF (Low Pass Filter) to the upper frequency that you want (par example 1500 Hz) and the HPF (High Pass Filter) 500 Hz lower (par example 1000). I think you find it works quite nicely if you need a filter for PSK.

I hope to see you on 20M!

A bientot et bon chance,
Bob K5WA

>Message: 10
> Date: Thu, 21 Mar 2002 21:00:10 -0000
> From: "f6dhi" <cberard@...>
>Subject: Filter selection...
>
>
> Hi guys....TU for your attention. I've seen on the 1999 QST
>Product Review about FT100, it is possible to select the 500 hz
>narrow band filter in SSB for PSK use, for exemple. I tried a lot of
>things...but nothing !!! I can't use this filter on my FT100D in
>SSB !?!?
> I use the split mode CW/SSB but not a smart solution !
>
> Any idea ? Tu for your help.
>
> 73 From F6DHI/JN23RK

# 13042. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 14:54:36 UTC
From: Pres Waterman
Topic: 13029  Message: 13042

> Yeah, well one day I'm gonna come up on top and as soon as I get my
> balance, I'm comin' after you guys. Your calls have been noted. I know
> where you live.
>
> No, wait a minute. I've thought of something much worse. I'll send you my
> neighbors.

HAH!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13043. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 15:04:36 UTC
From: Dick Thompson
Topic: 13029  Message: 13043

Geez, thanks for the warning, Ken. I've heard about those guys down there and have even talked to some of them on the air. Is that why they say things backwards?

73,

Dick
wb0dul@...

PS: I have a feeling that Alek will get even with us for this. :)

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 11:39 PM
Subject: [FT100] Re: Am I in the right place?

You have too watch this guy Dick. Do not trust him to pass it on as everything is upside down where he lives. He even drives his car on the wrong side of the road. You know what, his neighbors do not seem to mind. They all live upside down and drive on the wrong side of the road also. Winter is coming soon to VK land.

Hi Alek,

Welcome Dick.

Ken - N9CV

--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> The 100D list is in the other room down the corridor but post to this list
> and we'll pass it on.
>
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>
> Yeah, you're in the right place. Welcome.
>
> 73, Alek. VK6APK
>
>
> At 11:32 PM 21-03-02 +0000, you wrote:
> >I just ordered a new FT-100D. I know there was an FT-100 and I'm
> >unsure of the difference between the 2 models.
> >
> >Am I in the correct Yahoo Group for the radio I will be receiving on
> >Monday, the FT-100D?

> >
> >If not, can someone tell me the location for the FT-100D group?
> >
> >Thanks,
> >
> >Dick
> >wb0dul@a...
> >
> >
> >
> >
> >Post message: FT100@y...
> >Subscribe: FT100-subscribe@y...
> >Unsubscribe: FT100-unsubscribe@y...
> >List owner: FT100-owner@y...
> >FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> >We are all a part of this Lets make it as good as possible.
> >
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13044. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 15:05:46 UTC
From: Dick Thompson
Topic: 13029  Message: 13044

Please, anything but the neighbors. ROFL!!!!! See, I knew you'd be getting even.

Dick - wb0dul

----- Original Message -----
From: Alek Petkovic
To: FT100@yahoogroups.com
Sent: Friday, March 22, 2002 2:42 AM
Subject: Re: [FT100] Re: Am I in the right place?

Yeah, well one day I'm gonna come up on top and as soon as I get my
balance, I'm comin' after you guys. Your calls have been noted. I know
where you live.

No, wait a minute. I've thought of something much worse. I'll send you my
neighbors.

Hi hi.

73, Alek.

At 06:39 AM 22-03-02 +0000, you wrote:
>You have too watch this guy Dick. Do not trust him to pass it on as
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>the wrong side of the road. You know what, his neighbors do not seem
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>Hi Alek,
>
>Welcome Dick.
>
>Ken - N9CV
>
>--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> > The 100D list is in the other room down the corridor but post to
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> > and we'll pass it on.
> >
> > That's what friends are for.
> >
> > Yeah, you're in the right place. Welcome.
> >
> > 73, Alek. VK6APK
> >
> >
> > At 11:32 PM 21-03-02 +0000, you wrote:

> > >I just ordered a new FT-100D. I know there was an FT-100 and I'm
> > >unsure of the difference between the 2 models.
> > >
> > >Am I in the correct Yahoo Group for the radio I will be receiving
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> > >Monday, the FT-100D?
> > >
> > >If not, can someone tell me the location for the FT-100D group?
> > >
> > >Thanks,
> > >
> > >Dick
> > >wb0dul@a...
> > >
> > >
> > >
> > >
> > >Post message: FT100@y...
> > >Subscribe: FT100-subscribe@y...
> > >Unsubscribe: FT100-unsubscribe@y...
> > >List owner: FT100-owner@y...
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> > >
> > >We are all a part of this Lets make it as good as possible.
> > >
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>
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>Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 13045. RE: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 15:16:24 UTC
From: Cliff Bryant
Topic: 13029  Message: 13045

They definitely do NOT drive on the wrong side of the road! :-)

73 de Cliff, G4PZK

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: 22 March 2002 15:05
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Am I in the right place?

Geez, thanks for the warning, Ken. I've heard about those guys down
there and have even talked to some of them on the air. Is that why they
say things backwards?

73,

Dick
wb0dul@...

PS: I have a feeling that Alek will get even with us for this. :)

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 11:39 PM
Subject: [FT100] Re: Am I in the right place?

You have too watch this guy Dick. Do not trust him to pass it on as
everything is upside down where he lives. He even drives his car on
the wrong side of the road. You know what, his neighbors do not seem
to mind. They all live upside down and drive on the wrong side of
the road also. Winter is coming soon to VK land.

Hi Alek,

Welcome Dick.

Ken - N9CV

<snip>

[Non-text portions of this message have been removed]

# 13046. Re: [FT100] Re: DC Cable now ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 04:12:12 UTC
From: robert blumenkranz
Topic: 12983  Message: 13046

I use the ATAS on my 30 ft motor home and it works
fine now that I redesigned the ATAS internal DC
control board. Be careful and test the antenna first
before you put it up as mine out of the box would
change direction after nulling at the SWR dip, just
enough reverse motion to throw off the SWR depending
on which direction the antenna was going. Component
tolerances inside the antenna control can be off far
enough when using the FT-100D that will make the
antenna fail due to the range of the voltage coming
out of the FT-100D, if you have the problem which
appears to me to be a marginal component tolerance
design flaw. I estimate it will effect 20 to 30 % of
all ATAS antennas.
Good luck,
Bob NI6R
--- Paul Rogers <g0snw@...> wrote:
>
> The motorhome is mainly aluminium.
>
> I was to attach it to the ladder rack which in turn
> connects to the very
> large roof rack that is on the RV. I've experimented
> with ali ground planes
> in the past and they were fine.
>
> I'm still edging towards the SG239 or the LG AT-11
>
> Paul
>
> > Message: 3
> > Date: Tue, 19 Mar 2002 10:13:52 -0500
> > From: Pres Waterman <presw@...>
> > Subject: Re: DC Cable now ATAS 100
> >
> > > >
> > > > Now I am looking at the ATAS 100 to mount on
> my Motorhome (RV). I have
> 2
> > > > choices, the ATAS or the SG239 atu, both about
> the same price, go on
> > > > everyone, comvince me
> >
> >
> > ATAS... Automatic is it's first name, and System

> is it's last... it works
> > with the FT-100 in a fully integrated way.
> However, in any mobile
> > environment, especially the motor home, RF grounds
> are critical. How do
> you
> > plan to handle that when I assume the motor home
> is largely Fiberglas?
> >
> > Pres Waterman, W2PW
> > c/o Patchogue 112 Ford//Kia 112
> > Long Island Ford and Kia Dealer
> >
> > GO BILLS!
> >
> >
> >
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>

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>

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Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 13047. ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 18:41:54 UTC
From: Tabby Francisco
Topic: 12944  Message: 13047

I'm planning on getting an ATAS-100 but with the price
of that mobile antenna, I can buy an FC-20 and add a
hamstick for mobile operation.

With the FC-20, I can also use that for tuning dipoles
or omni's back home.

What is the better choice? Help guys!

Ramon
kc2ekv

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 13048. Re: a better TCXO for the FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 19:11:50 UTC
From: backhoefade
Topic: 12944  Message: 13048

I just looked at the spec' sheet and it appears that the +/- 1 ppm stability number pertains to the transmit signal. I also just read part 97 and couldn't find any quantified transmit frequency stability requirement. The main thing, legally speaking, is to stay within the band limits. (If you want to really split hairs on that the application of the law would have to be per the spurious signal limitation which states that any spurious emission must be 40 dB below the mean power of the fundamental emission. That means that you could operate any mode as close to the band edge as you can get without violating the -40 dB rule beyond the specified band edge).

Your worst case calculation assumed an 864 Hz contribution from each additional crystal oscillator but you should base each 1 ppm contribution (the 1 ppm itself is and assumption) on the fundamental frequency of those additional oscillators which is probably well below the 400 MHz area.

But the point is that the tech' spec's state an "overall" 1 ppm stability over temperature. It doesn't really matter legally as long as you stay far enough from the band edge. You would base that "margin" on the published stability spec which is +/- 1 ppm for SSB, CW, AM and +/-(1 kHz +1 ppm) for FM. So let's figure out the worst scenario. It would be at 450 MHz: 1 kHz plus 450 Hz so that's +/- 1450 Hz. Plus you have to throw in the display tolerance that I mentioned previously which is +/- 20 Hz so the grand total is +/-1470 Hz. Plus, for FM, you better throw in the deviation; let's assume the 40 dB down rule is met at +/- 3 kHz (based on "5 kHz" deviation). So that's +/- 1475 Hz. So to play fully legal you want to leave about a 2 kHz margin with respect to the band edge at 450 MHz. At 14 MHz SSB the contributions are: +/- 14 Hz (the 1 ppm spec) plus +/- 20 Hz (read-out tolerance) plus about +/- 3.5 kHz roughly for the 40 dB down sideband spreading. Worst case on the latter is when you've chosen the sideband that extends towards the nearby band edge. It's interesting that the dominant contributor is the sideband spreading in the SSB case.

I think the reason for the +/- 0.5 ppm spec for the FT-817 is just that it's likely to be in a harsher temperature environment, but pactically (and legally) speaking it doesn't buy you much. You could operate a bit closer to the band edge. But the operating range over which the FT-100D can hold the +/- 1 ppm performance is spec'd from 14 F to 122 F. I think the limiting "stability factor" under those conditions may be the operator himself!

Someone else can chime in on whether the +/- 1 ppm performance is a hindrance to digital operation and satellite work (or the combination

of the two).

Time for another cup of coffee.

73's N6AF Chas

--- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> when you are on 144 or 432 MHz .5 ppm is .5 x 144 = +-72 Hz or
possibly 144
> Hz error. On 432 it is +-216 Hz or 432 Hz error. the TCXO in
stalled is only
> 1 ppm(864 Hz error on 432), but that does not count the stability
of the
> mixer and other crystals. I believe there is 3 major crystals ( I
could be
> wrong) in the rig. now multiply your error rate by 3 x 1 ppm you
now have a
> possible 2592 Hz error. Now on SSB 2.6 KHz is a huge error, on FM
it makes
> only a slight difference.
>
> Now you ask does .5 ppm really make a difference? it does on VHF
and UHF. On
> HF the error is a lot smaller, heck you can get by with 5 ppm on HF
(except
> possibly 12, and 10 meters). So so you understand why I want
something more
> stable. the FT-817 has a TCXO of .5 ppm, so why did they not use
a .5 ppm in
> the FT-100d? Hmmm maybe the 9th wonder of the universe.
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Thursday, March 21, 2002 11:07 PM
> To: FT100@y...
> Subject: [FT100] Re: a better TCXO for the FT-100D?
>
>
> Just curious why you want 0.5 ppm. Do you realize that the digital
> display's least significant digit is only 10 Hz? That translates to
> a display tolerance of +/- 10 Hz so you already pretty much gave up
> the "set-ability" accuracy due to that. For example, when it reads
> 7005.23 kHz you don't really know if the rig is right on the verge
of
> displaying 7005.22 or 7005.24 so there 'ya go; you're already
> 20 Hz "blind". Guess you could argue that every 0.5 ppm helps. I
> was just asking what(italicized) it helps! You know what's going to
> happen if you make that thing perfectly stable? Then the entire ham
> community is going to appear to be drifting around - might make you
> kinda dizzy.
> N6AF Chas

>
> --- In FT100@y..., "Tom Tishken KD4WOV" <kd4wov@e...> wrote:
> > Hello,
> > Does anyone know where I can get or retrofit a better TCXO for
the
> > FT-100D. the TCXO in the D is only 1 ppm. Does anyone know where I
> can get a
> > .5 ppm TCXO. I am looking at also the possibility of slide on
> Crystal
> > heater/ovens for all the Crystals to make the FT-100d more stable.
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 13049. Re: [FT100] ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 20:28:33 UTC
From: Dick Thompson
Topic: 12944  Message: 13049

Up until a month or so ago, I used Hamsticks on my base station. I recently installed a Hustler 4BTV Vertical, and still use the Hamsticks on the bands the Hustler won't cover. They work extremely well.

I would like to get the ATAS antenna, but the cost right now is more than I care to spend. I am still awaiting arrival of my new FT-100D. So, the Hamsticks will be the antenna I will use. They are a great little antenna, but it's a matter of choice and how fat your wallet is. Having just bought a new FT-920, Logikey K-3 Keyer and the FT-100D, my wallet is anything but fat. It looks like it was hit by a truck. And, if add the fact that I want to spend another $300 +/- to the XYL, I'll look like I've been hit by a truck. You never want the wrath of an Irish woman to descend upon you.
:)

Good luck & 73,

Dick
wb0dul@...

----- Original Message -----
From: "Tabby Francisco" <kc2ekv@...>
To: <FT100@yahoogroups.com>
Sent: Friday, March 22, 2002 11:41 AM
Subject: [FT100] ATAS-100 or FC-20 + hamstick?

> I'm planning on getting an ATAS-100 but with the price
> of that mobile antenna, I can buy an FC-20 and add a
> hamstick for mobile operation.
>
> With the FC-20, I can also use that for tuning dipoles
> or omni's back home.
>
> What is the better choice? Help guys!
>
>
> Ramon
> kc2ekv
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards®
> http://movies.yahoo.com/
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com

> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 13050. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 20:33:22 UTC
From: Dick Thompson
Topic: 13029  Message: 13050

I know you guys don't either, right? :) Now I know why the Japanese like to go to Australia & the United Kingdom.

I have a feeling you and the down under folks are really going to try to get even.

73,
Dick
wb0dul@...

----- Original Message -----
From: Cliff Bryant
To: FT100@yahoogroups.com
Sent: Friday, March 22, 2002 8:16 AM
Subject: RE: [FT100] Re: Am I in the right place?

They definitely do NOT drive on the wrong side of the road! :-)

73 de Cliff, G4PZK

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: 22 March 2002 15:05
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Am I in the right place?

Geez, thanks for the warning, Ken. I've heard about those guys down
there and have even talked to some of them on the air. Is that why they
say things backwards?

73,

Dick
wb0dul@...

PS: I have a feeling that Alek will get even with us for this. :)

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 11:39 PM
Subject: [FT100] Re: Am I in the right place?

You have too watch this guy Dick. Do not trust him to pass it on as
everything is upside down where he lives. He even drives his car on
the wrong side of the road. You know what, his neighbors do not seem
to mind. They all live upside down and drive on the wrong side of
the road also. Winter is coming soon to VK land.

Hi Alek,

Welcome Dick.

Ken - N9CV

<snip>

[Non-text portions of this message have been removed]

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 13051. New Greek Ham Radio Portal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 20:45:56 UTC
From: sv1efm
Topic: 13051  Message: 13051

Dear all,

please find at the www.greekradioham.tk a new portal site featuring
forums , links , reviews and many more!

we offering free pop3 accounts under our domain to our registered
users!

http://www.greekradioham.tk

Regards,
SV1EFM-SV1GFQ

# 13052. Worried about V/U Finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-22 21:22:40 UTC
From: gedoz
Topic: 13052  Message: 13052

Lately I have been noticing while chatting on 2 meter FM, that my power indicator is sometimes delayed...and just found out that the radio sometimes isn't transmitting it's set power...it's putting out a far reduced signal! It could be 1/2 second to a full second before the power level goes to full...and a couple times today it didn't go up at all. I went away from the radio for a little while and turned the power down to about 30% and then didn't see any problems...

I do not have a high SWR. Are my finals going? If so, can I stop it? How? I really don't want to be without my FT-100

Steve KD1XH

# 13053. Re: [FT100] ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 00:36:15 UTC
From: Pres Waterman
Topic: 12944  Message: 13053

> I'm planning on getting an ATAS-100 but with the price
> of that mobile antenna, I can buy an FC-20 and add a
> hamstick for mobile operation.

You will still need to swap hamsticks

>
> With the FC-20, I can also use that for tuning dipoles
> or omni's back home.
>
> What is the better choice? Help guys!
>

The FC-20 is not the greatest of tuners. It does a good enough job on a G5RV
but it will not really do anything over 3:1

Think of it as an automatic antenna TRIMMER

My vote is ATAS-100

Thanks

Pres ( Liquid Yaesu in his veins ) Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13054. Yaesu repair...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 00:57:28 UTC
From: n1evh
Topic: 13054  Message: 13054

Well back in 1991... I had an FT-727 dual-band HT that went back and forth between California and Massachusetts 5 or 6 times in the course of 9 months. When I sold that radio, I told people I would never buy another Yaesu radio. Well over the past 4 years... I've bought either new or used... 10 Yaesu radios.

Well today... I think I am now realizing why I said I would never buy another Yaesu radio.

I sent my FT-100 in back on Dec 17th. According to the UPS web site, they received it Dec 26th. Since I haven't heard a thing about my radio... I called Yaesu about it today.

Now I sent my radio in cause there was no power output on HF/VHF/UHF. I was told by the person that I spoke to that the estimate to fix my radio was about $680 !!!!!

They said they wanted to replace the power amp board (about a $270 board), the CPU (about $80), some other misc parts, and $200 labor (at $70/hr).

Now needless to say... I wasn't happy to hear that. I told them that for $150 more... I can go out and buy a new FT-100D (HRO has them for $1029... with a $200 special/coupon for a final price of $829).

They had a tech call me back (not the tech that did the estimate on my radio). As I spoke to him on the phone, he looked at the estimate and I heard him say something like "now why does he want to replace that". He then spoke to the tech that did the estimate and called me back. He said now it appears that the CPU doesn't have to be placed. So I asked him what are we talking about now for an estimate. He said he would talk to the tech again and call me back on Monday.

So now I have to wait to see what this new estimate will be to fix my 2 year old FT-100.

Mike - N1EVH
n1evh@...

# 13055. Re: Yaesu repair...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 01:18:13 UTC
From: w6ir
Topic: 13054  Message: 13055

--- In FT100@y..., "n1evh" <n1evh@a...> wrote:
> <snip>
> Now I sent my radio in cause there was no power output
> on HF/VHF/UHF. I was told by the person that I spoke to
> that the estimate to fix my radio was about $680 !!!!!
>
><snip>

So now we are becoming a society of throw away ham rigs. Cheaper to replace it than it is to repair it.

Hank

# 13056. FC-20 for sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 01:31:43 UTC
From: arrgghhh!
Topic: 13056  Message: 13056

Anybody looking for an FC-20 & Mobile Mounting Bracket?

I'm selling mine and looking for ?160 ono.

73 de Wayne M5WJF

QTH Shrewsbury, England, UK

[Non-text portions of this message have been removed]

# 13057. Re: [FT100] Filter selection...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 02:53:50 UTC
From: D Vande Vusse
Topic: 13028  Message: 13057

This is what digital (DIG) mode is for. In digital mode you can select either the 2.4 or the 500 Hz filter. The connection from the computer to the radio is via the Data jack. You have a separate transmit level via menu item 28 AFSK LEVEL. The side band is set by menu item 34 AFSK MODE. The only difference I have found between RTTY and PCT is a very slight shift in where the 500 Hz band pass is located. The frequency displayed on the radio assumes a 2120 Hz tone PSK 31 signal. The IF shift can be used to move the 500 Hz window up and down, allowing you to remove a nearby strong signal on one side. The transmit uses the wide filter so even if you IF shift down to 1000 Hz you can still transmit. I have found the 500 Hz filter works slightly better where Yaesu puts its up at ~2000 Hz.

Most radios will adjust the AGC to the strongest signal in the band pass. Using the 500 Hz filter I can make a weak PSK 31 station strong by removing the other signals from the band pass. I really notice a difference on 40 and 80 meters, weak signals will become readable just by the reduction in background noise provided by the 500 Hz filter.

The data jack provides a constant level signal to the computer, I used a 1:1 transformer, no level adjustment required. The volume control has no effect. DSP also has no effect on the audio from the Data jack.

I had to reduce the transmit level audio with a 20K pot. I set the level so with the AFSK LEVEL set to 100, I was transmitting 30 watts. I use the AFSK LEVEL to control my transmit power.

I just use a single transistor for the PTT, no isolation.

The DIG mode provides a separate connection for audio and PTT, constant audio out, separate transmit level control, and two filter selections! I can switch from voice to digital modes without having to change connections or adjusting voice settings on the radio, just press the MODE button.

Radio Shack sells the Data port connector over here.

Try DIG mode. The FT100(D) is a great digital mode radio using these features. MSFK16 fits nicely in the 500 Hz filter and you hear nothing else.

Daniel - N0PI
----- Original Message -----
From: f6dhi
To: FT100@yahoogroups.com
Sent: Thursday, March 21, 2002 3:00 PM
Subject: [FT100] Filter selection...

Hi guys....TU for your attention. I've seen on the 1999 QST
Product Review about FT100, it is possible to select the 500 hz
narrow band filter in SSB for PSK use, for exemple. I tried a lot of
things...but nothing !!! I can't use this filter on my FT100D in
SSB !?!?

I use the split mode CW/SSB but not a smart solution !

Any idea ? Tu for your help.

73 From F6DHI/JN23RK

[Non-text portions of this message have been removed]

# 13058. replacement knobs

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 00:01:31 UTC
From: KB5VZC
Topic: 13058  Message: 13058

someone requested info on replacement knobs to replace the screws on the mounts. here in conusa most truckstops have barjan(tm) products. the 4mm universal knobs work great. product number is 300-461 for the chrome type. a black plastic handle is also available but I don't know the number for them. cost was roughly $3.00 US. hope this is helpful.

jerry
kb5vzc

# 13059. Re: [FT100] ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 04:36:53 UTC
From: The Simpsons
Topic: 12944  Message: 13059

Buy an SGC or similar tuner instead to go with the Hamsticks. You then have a tuner that will work with any (100 watt) radio and match a larger variety of loads. It will not limit you to operating on 40 metres and above as does the ATAS. You will find that you can probably use a 20 metre Hamstick on all bands from 80 through to 10 metres if you don't want to change the antenna. You will get better performance with an antenna designed for the band you are on, but you will be surprised how well the 20 metre one will work on other bands. Tuning is almost instant if you have been on that frequency before, with the same antenna because of the memories in the SGC tuners. I'm sold on my SG239 and 20 metre home made whip, especially as I need 80 metre mobile operation!

Grant, ZL2BK.
----- Original Message -----
From: "Tabby Francisco" <kc2ekv@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, March 23, 2002 6:41 AM
Subject: [FT100] ATAS-100 or FC-20 + hamstick?

> I'm planning on getting an ATAS-100 but with the price
> of that mobile antenna, I can buy an FC-20 and add a
> hamstick for mobile operation.
>
> With the FC-20, I can also use that for tuning dipoles
> or omni's back home.
>
> What is the better choice? Help guys!
>
>
> Ramon
> kc2ekv

# 13060. Re: [FT100] Re: Am I in the right place?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 04:45:21 UTC
From: Scott Kamm
Topic: 13029  Message: 13060

You don't have to go any where they already drive on the wrong side of the road in the big cities.

Alek Petkovic wrote:

> Yeah, well one day I'm gonna come up on top and as soon as I get my
> balance, I'm comin' after you guys. Your calls have been noted. I know
> where you live.
>
> No, wait a minute. I've thought of something much worse. I'll send you my
> neighbors.
>
> Hi hi.
>
> 73, Alek.
>
> At 06:39 AM 22-03-02 +0000, you wrote:
> >You have too watch this guy Dick. Do not trust him to pass it on as
> >everything is upside down where he lives. He even drives his car on
> >the wrong side of the road. You know what, his neighbors do not seem
> >to mind. They all live upside down and drive on the wrong side of
> >the road also. Winter is coming soon to VK land.
> >
> >Hi Alek,
> >
> >Welcome Dick.
> >
> >Ken - N9CV
> >
> >--- In FT100@y..., Alek Petkovic <vk6apk@e...> wrote:
> > > The 100D list is in the other room down the corridor but post to
> >this list
> > > and we'll pass it on.
> > >
> > > That's what friends are for.
> > >
> > > Yeah, you're in the right place. Welcome.
> > >
> > > 73, Alek. VK6APK
> > >
> > >
> > > At 11:32 PM 21-03-02 +0000, you wrote:
> > > >I just ordered a new FT-100D. I know there was an FT-100 and I'm
> > > >unsure of the difference between the 2 models.
> > > >

> > > >Am I in the correct Yahoo Group for the radio I will be receiving
> >on
> > > >Monday, the FT-100D?
> > > >
> > > >If not, can someone tell me the location for the FT-100D group?
> > > >
> > > >Thanks,
> > > >
> > > >Dick
> > > >wb0dul@a...

> > > >Post message: FT100@y...
> > > >Subscribe: FT100-subscribe@y...
> > > >Unsubscribe: FT100-unsubscribe@y...
> > > >List owner: FT100-owner@y...
> > > >FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > > >
> > > >We are all a part of this Lets make it as good as possible.

# 13061. Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 05:49:01 UTC
From: ft100guy
Topic: 12944  Message: 13061

--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> I'm planning on getting an ATAS-100 but with the price
> of that mobile antenna, I can buy an FC-20 and add a
> hamstick for mobile operation.
>
> With the FC-20, I can also use that for tuning dipoles
> or omni's back home.
>
> What is the better choice? Help guys!
>
>
> Ramon
> kc2ekv

Shame Shame,

You have just informed us that you didnt read the message archives related to the FC-20. Forget it, its great for propping up the front of your FT100 and the case looks spiffy but in all actuality, dollar for dollar>>>>>it stinks<<<<<. You will be much better off with the ATAS 100, or Ham Sticks with an SGC or LDG brand tuner. Dont get me wrong, the FC-20 will match an antenna resonant for a particular band or maybe a band or two away if you are lucky, but the SGC and LDG have a much broader tuning range and will allow you more flexibility in antenna choices.
I liked the ATAS for 40m thru 6m operation, sure its a compromise, but anything short of a 90 foot Tower and beam is anyway.. For the mobile, I recommend the ATAS. I ran mine three years without any problems besides maintaining it and explaining what it was to non-hams. If you decide to change bands, its much easier to do when mobile when compared to changing ham sticks and messing with an outbacker etc.. Thats my opinion on it and we all know what opinions are like and what they smell like too :-) .. Regards.. Richy N2ZD

# 13062. Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 09:03:35 UTC
From: Alek Petkovic
Topic: 12944  Message: 13062

I agree,

If you want something that costs heaps and works half as good as the
others, get the FC-20.

If you want something that you'll find useful for many years to come, take
the advice of these guys.

I can personally vouch for the LDG tuner. I consider it to be one of the
wisest purchases I've ever made for ham radio.

You of course are free to buy what you wish but you did ask the advice of
others. Please think before you buy.

73 and happy ft100ing. Hmmm is that a word?

Alek, VK6APK

At 05:49 AM 23-03-02 +0000, you wrote:
>--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> > I'm planning on getting an ATAS-100 but with the price
> > of that mobile antenna, I can buy an FC-20 and add a
> > hamstick for mobile operation.
> >
> > With the FC-20, I can also use that for tuning dipoles
> > or omni's back home.
> >
> > What is the better choice? Help guys!
> >
> >
> > Ramon
> > kc2ekv
>
> Shame Shame,
>
> You have just informed us that you didnt read the message archives
>related to the FC-20. Forget it, its great for propping up the front
>of your FT100 and the case looks spiffy but in all actuality, dollar
>for dollar>>>>>it stinks<<<<<. You will be much better off with the
>ATAS 100, or Ham Sticks with an SGC or LDG brand tuner. Dont get me
>wrong, the FC-20 will match an antenna resonant for a particular band
>or maybe a band or two away if you are lucky, but the SGC and LDG
>have a much broader tuning range and will allow you more flexibility
>in antenna choices.
> I liked the ATAS for 40m thru 6m operation, sure its a compromise,
>but anything short of a 90 foot Tower and beam is anyway.. For the
>mobile, I recommend the ATAS. I ran mine three years without any

>problems besides maintaining it and explaining what it was to non-
>hams. If you decide to change bands, its much easier to do when
>mobile when compared to changing ham sticks and messing with an
>outbacker etc.. Thats my opinion on it and we all know what opinions
>are like and what they smell like too :-) .. Regards.. Richy N2ZD
>
>
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 13063. Re: [FT100] Worried about V/U Finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 05:43:36 UTC
From: danbay
Topic: 13052  Message: 13063

Sounds Like you have cut back due to a heat problem. is the fan coming up to speed when you transmit, check the SWR with another meter. I use a rule of thumb, using a bird watt meter that if the reflected power is LESS than 5% of forward pwr then its passing in my book for 30 MHz to 1000 MHz. The techs that worked for me could speed to much time on a job trying to get it down to nothing reflected thus cutting down profits on jobs etc. Also take the cover off and make sure that the chassis screws are tight ( not overtly tight) holding the ckt board in and also ck the screws hold the finals to the heat sink. I believe that the finals have a built in thermo cut back ckt built in to the module. THERE ARE OTHER THINGS THAT CAN CAUSE A PROBLEM SUCH AS YOURS BUT THE ABOVE IS SOME OF THE COMMON ONES.
73's
W1WQ
---
> From: gedoz <kd1xh@...>
> To: FT100@yahoogroups.com
> Subject: [FT100] Worried about V/U Finals
> Date: Friday, March 22, 2002 9:22 PM
>
> Lately I have been noticing while chatting on 2 meter FM, that my
> power indicator is sometimes delayed...and just found out that the
> radio sometimes isn't transmitting it's set power...it's putting out a
> far reduced signal! It could be 1/2 second to a full second before the
> power level goes to full...and a couple times today it didn't go up at
> all. I went away from the radio for a little while and turned the
> power down to about 30% and then didn't see any problems...
>
> I do not have a high SWR. Are my finals going? If so, can I stop it?
> How? I really don't want to be without my FT-100
>
> Steve KD1XH
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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>
>

# 13064. Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 15:22:08 UTC
From: Dick Thompson
Topic: 12944  Message: 13064

Hi Alek,

I've been reading the thread on the comments about the FC20 vs the SDG or LDG Tuners. I've never considered the FC20, but I am awaiting arrival of a new FT-100D for my mobile/portable operation. Now my question: Is the LDG or SDG a small tuner that is conducive to mobile operation? I assume they are automatic. I have Hamsticks and Hamstick knock-offs that work quite well. My goal is to buy the ATAS antenna, but not for a while. So until I do, I'll be using my Hamsticks on a mirror mount. I'm also considering a tri-band mobile antenna that will operate 6/2/430 for local stuff. Any suggestions on that? I'd like something that would screw onto an NMO type of base. Is there such an animal?

73 - Dick
wb0dul@...

----- Original Message -----
From: Alek Petkovic
To: FT100@yahoogroups.com
Sent: Saturday, March 23, 2002 2:03 AM
Subject: Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

I agree,

If you want something that costs heaps and works half as good as the others, get the FC-20.

If you want something that you'll find useful for many years to come, take the advice of these guys.

I can personally vouch for the LDG tuner. I consider it to be one of the wisest purchases I've ever made for ham radio.

You of course are free to buy what you wish but you did ask the advice of others. Please think before you buy.

73 and happy ft100ing. Hmmm is that a word?

Alek, VK6APK

At 05:49 AM 23-03-02 +0000, you wrote:
>--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> > I'm planning on getting an ATAS-100 but with the price
> > of that mobile antenna, I can buy an FC-20 and add a
> > hamstick for mobile operation.
> >
> > With the FC-20, I can also use that for tuning dipoles
> > or omni's back home.
> >
> > What is the better choice? Help guys!

> >
> >
> > Ramon
> > kc2ekv
>
> Shame Shame,
>
> You have just informed us that you didnt read the message archives
>related to the FC-20. Forget it, its great for propping up the front
>of your FT100 and the case looks spiffy but in all actuality, dollar
>for dollar>>>>>it stinks<<<<<. You will be much better off with the
>ATAS 100, or Ham Sticks with an SGC or LDG brand tuner. Dont get me
>wrong, the FC-20 will match an antenna resonant for a particular band
>or maybe a band or two away if you are lucky, but the SGC and LDG
>have a much broader tuning range and will allow you more flexibility
>in antenna choices.
> I liked the ATAS for 40m thru 6m operation, sure its a compromise,
>but anything short of a 90 foot Tower and beam is anyway.. For the
>mobile, I recommend the ATAS. I ran mine three years without any
>problems besides maintaining it and explaining what it was to non-
>hams. If you decide to change bands, its much easier to do when
>mobile when compared to changing ham sticks and messing with an
>outbacker etc.. Thats my opinion on it and we all know what opinions
>are like and what they smell like too :-) .. Regards.. Richy N2ZD
>
>
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 13065. Re: a better TCXO for the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 17:47:53 UTC
From: Bob Evans
Topic: 13065  Message: 13065

Chas,

I don't have a TCXO at all, but I sure found a need for one recently while working HF (30M) packet from ZF1A. I was linking to a stateside DX packet cluster and found that my FT-100 drifted 30 Hz in the first hour or so. My concern was not band edge limits, as you pointed out, but simply stability on any particular frequency so that I could stay linked to the other station. I used 500Hz filters on both ends of the link (I used the FT-100's CW mode in an A/B vfo split mode) because I wanted to minimize compromises to the link. I noticed that the FT-100 would loose the link. I realize there is also drift on the other end of the link, but we confirmed a majority of the drifting being FT-100 by comparisons with an IC-765, TS-850 and FT-1000MP. I sure could have used a good TCXO to keep me connected longer.

That being said, I never noticed any drift on CW, SSB and FM (obviously), but I can sure agree with Tom, KD4WOV, that an excellent TCXO is mandatory for UHF digital work. I'm sure 30 Hz HF drift is within spec for a non-TCXO FT-100, but you'd absolutely need better for UHF work.

73,
Bob K5WA

>Someone else can chime in on whether the +/- 1 ppm performance is a
>hindrance to digital operation and satellite work (or the combination
>of the two).
>
>Time for another cup of coffee.
>
>73's N6AF Chas

# 13066. RE: [FT100] Re: a better TCXO for the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 18:02:29 UTC
From: Tom Tishken KD4WOV
Topic: 13065  Message: 13066

Also if your using a DSP along with narrow CW filters, you can actually drift in and out of the audio pass band of the DSP and narrow CW filters. the narrower the filter or mode the less tolerant the link will be. For instance lets say you were using a packet type system using 1200 and 1900 Hz tones. if your receiver/demodulator has a tolerance of -+30 Hz (assuming your not using FM) then a drift up or down of more than 30 Hz will affect your link. this does not count phase differces due to multipath and signal fading. As you rightly stated the better your stability the better off you are. PSK32 and other mode just like it are very narrow. I would have to look it up, but does anyone know the bandwidth of PSK32?

-----Original Message-----
From: Bob Evans [mailto:bevans@...]
Sent: Saturday, March 23, 2002 12:48 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: a better TCXO for the FT-100D

Chas,

I don't have a TCXO at all, but I sure found a need for one recently while working HF (30M) packet from ZF1A. I was linking to a stateside DX packet cluster and found that my FT-100 drifted 30 Hz in the first hour or so. My concern was not band edge limits, as you pointed out, but simply stability on any particular frequency so that I could stay linked to the other station. I used 500Hz filters on both ends of the link (I used the FT-100's CW mode in an A/B vfo split mode) because I wanted to minimize compromises to the link. I noticed that the FT-100 would loose the link. I realize there is also drift on the other end of the link, but we confirmed a majority of the drifting being FT-100 by comparisons with an IC-765, TS-850 and FT-1000MP. I sure could have used a good TCXO to keep me connected longer.

That being said, I never noticed any drift on CW, SSB and FM (obviously), but I can sure agree with Tom, KD4WOV, that an excellent TCXO is mandatory for UHF digital work. I'm sure 30 Hz HF drift is within spec for a non-TCXO FT-100, but you'd absolutely need better for UHF work.

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Bob K5WA

>Someone else can chime in on whether the +/- 1 ppm performance is a
>hindrance to digital operation and satellite work (or the combination
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>73's N6AF Chas

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# 13067. RE: [FT100] Re: a better TCXO for the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 18:15:22 UTC
From: Gary Mitchelson
Topic: 13065  Message: 13067

If PSK32 is like PSK31 it's about 31-32 hz.

-----Original Message-----
From: Tom Tishken KD4WOV [mailto:kd4wov@...]
Sent: Saturday, March 23, 2002 18:02
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: a better TCXO for the FT-100D

PSK32 and other mode just like it are very narrow. I would have to look
it up, but does anyone know the bandwidth of PSK32?

# 13068. RE: [FT100] Re: a better TCXO for the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 19:40:40 UTC
From: Tom Tishken KD4WOV
Topic: 13065  Message: 13068

yes, sorry about the typo your right I meant PSK31.

-----Original Message-----
From: Gary Mitchelson [mailto:n3jpu@...]
Sent: Saturday, March 23, 2002 1:15 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: a better TCXO for the FT-100D

If PSK32 is like PSK31 it's about 31-32 hz.

-----Original Message-----
From: Tom Tishken KD4WOV [mailto:kd4wov@...]
Sent: Saturday, March 23, 2002 18:02
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: a better TCXO for the FT-100D

PSK32 and other mode just like it are very narrow. I would have to look
it up, but does anyone know the bandwidth of PSK32?

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# 13069. Re: Worried about V/U Finals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 14:25:26 UTC
From: wb8vlc
Topic: 13052  Message: 13069

There is no thermal protection for either final, if the heatsink cannot dissipate the power then the final V/U will be destroyed. You need a fan on the radio that works in V/U and or lower your power and use the timeout timer set to 1 minute.

Mike

--- In FT100@y..., "danbay" <danbay@c...> wrote:
> Sounds Like you have cut back due to a heat problem. is the fan coming up
> to speed when you transmit, check the SWR with another meter. I use a rule
> of thumb, using a bird watt meter that if the reflected power is LESS than
> 5% of forward pwr then its passing in my book for 30 MHz to 1000 MHz. The
> techs that worked for me could speed to much time on a job trying to get it
> down to nothing reflected thus cutting down profits on jobs etc. Also take
> the cover off and make sure that the chassis screws are tight ( not overtly
> tight) holding the ckt board in and also ck the screws hold the finals to
> the heat sink. I believe that the finals have a built in thermo cut back
> ckt built in to the module. THERE ARE OTHER THINGS THAT CAN CAUSE A PROBLEM
> SUCH AS YOURS BUT THE ABOVE IS SOME OF THE COMMON ONES.
> 73's
> W1WQ
> ----------
> > From: gedoz <kd1xh@a...>
> > To: FT100@y...
> > Subject: [FT100] Worried about V/U Finals
> > Date: Friday, March 22, 2002 9:22 PM
> >
> > Lately I have been noticing while chatting on 2 meter FM, that my
> > power indicator is sometimes delayed...and just found out that the
> > radio sometimes isn't transmitting it's set power...it's putting out a
> > far reduced signal! It could be 1/2 second to a full second before the
> > power level goes to full...and a couple times today it didn't go

up at
> > all. I went away from the radio for a little while and turned the
> > power down to about 30% and then didn't see any problems...
> >
> > I do not have a high SWR. Are my finals going? If so, can I stop
it?
> > How? I really don't want to be without my FT-100
> >
> > Steve KD1XH
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> >
> >

# 13070. Re: [FT100] ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-23 16:05:46 UTC
From: Jack
Topic: 12944  Message: 13070

Hi Grant.
You sold me on the SGC, BUT where can I get one? Please send me the URL address.
Tnx.
73' Jack, WA5UUD
Mailto:wa5uud@...

The Simpsons wrote:

> Buy an SGC or similar tuner instead to go with the Hamsticks. You then have
> a tuner that will work with any (100 watt) radio and match a larger variety
> of loads. It will not limit you to operating on 40 metres and above as does
> the ATAS. You will find that you can probably use a 20 metre Hamstick on all
> bands from 80 through to 10 metres if you don't want to change the antenna.
> You will get better performance with an antenna designed for the band you
> are on, but you will be surprised how well the 20 metre one will work on
> other bands. Tuning is almost instant if you have been on that frequency
> before, with the same antenna because of the memories in the SGC tuners. I'm
> sold on my SG239 and 20 metre home made whip, especially as I need 80 metre
> mobile operation!
>
> Grant, ZL2BK.
> ----- Original Message -----
> From: "Tabby Francisco" <kc2ekv@...>
> To: <FT100@yahoogroups.com>
> Sent: Saturday, March 23, 2002 6:41 AM
> Subject: [FT100] ATAS-100 or FC-20 + hamstick?
>
> > I'm planning on getting an ATAS-100 but with the price
> > of that mobile antenna, I can buy an FC-20 and add a
> > hamstick for mobile operation.
> >
> > With the FC-20, I can also use that for tuning dipoles
> > or omni's back home.
> >
> > What is the better choice? Help guys!
> >
> >
> > Ramon
> > kc2ekv
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
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# 13071. Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 08:19:29 UTC
From: guyle99
Topic: 13071  Message: 13071

I am the proud owner of a FT-100 (no D), serial starting with 9J10. I acquired it brand new in May of 2000 as a graduation/upgrade to General present, and it installed in my vehicle with a dual 2m/440 antenna until I could afford the ATAS. For about a year I used it almost exclusively on 2m. My father gave my the ATAS-100 for my birthday last year, but unfortunately he died while it was in transit, so for awhile ham radio wasn't a high priority in life. However, now I have finally got my radio permanently installed and operating with the ATAS and my dual bander (I like the two separate antennas better, personally), and so far I'm very happy with it!

However, I came across this group and have been reading about problems with heat and such... is my particular radio series at risk for these issues, since it was one of the earlier releases? Also, since the radio is mounted in my trunk, with the remote head up front, are there any extra measures I should take to ensure better cooling? Living in Texas, the climate is about to be VERY hot on a daily basis when summer creeps in.

With all the confusion of the multiple threads and such, and the uncertainty of whether or not I NEED to do anything, I would really appreciate a little bit of personalized advise. I certainly don't want to burn out my rig now that I finally have it working the way I want it to!

Thanks so much in advance! It looks like a great group running here - and I plan to post some pics of my installation here once I pretty everything up.

73,
Guy KB7QEG
Dallas, TX

# 13072. Re: [FT100] ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 08:52:54 UTC
From: The Simpsons
Topic: 12944  Message: 13072

Try the following:

www.sgcworld.com

They have agents listed throughout the USA and the world.
I found the agent for New Zealand on their site so bought mine from him. His price was good and I prefer to deal with an agent in New Zealand if possible, as long as the price is ok!

Good luck,

Grant, ZL2BK.

----- Original Message -----
From: "Jack" <wa5uud@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, March 24, 2002 4:05 AM
Subject: Re: [FT100] ATAS-100 or FC-20 + hamstick?

> Hi Grant.
> You sold me on the SGC, BUT where can I get one? Please send me the URL
> address.
> Tnx.
> 73' Jack, WA5UUD
> Mailto:wa5uud@...
>
> The Simpsons wrote:
>
> > Buy an SGC or similar tuner instead to go with the Hamsticks. You then have
> > a tuner that will work with any (100 watt) radio and match a larger variety
> > of loads. It will not limit you to operating on 40 metres and above as does
> > the ATAS. You will find that you can probably use a 20 metre Hamstick on all
> > bands from 80 through to 10 metres if you don't want to change the antenna.
> > You will get better performance with an antenna designed for the band you
> > are on, but you will be surprised how well the 20 metre one will work on
> > other bands. Tuning is almost instant if you have been on that frequency
> > before, with the same antenna because of the memories in the SGC tuners. I'm
> > sold on my SG239 and 20 metre home made whip, especially as I need 80

metre
> > mobile operation!
> >
> > Grant, ZL2BK.
> > ----- Original Message -----
> > From: "Tabby Francisco" <kc2ekv@...>
> > To: <FT100@yahoogroups.com>
> > Sent: Saturday, March 23, 2002 6:41 AM
> > Subject: [FT100] ATAS-100 or FC-20 + hamstick?
> >
> > > I'm planning on getting an ATAS-100 but with the price
> > > of that mobile antenna, I can buy an FC-20 and add a
> > > hamstick for mobile operation.
> > >
> > > With the FC-20, I can also use that for tuning dipoles
> > > or omni's back home.
> > >
> > > What is the better choice? Help guys!
> > >
> > >
> > > Ramon
> > > kc2ekv

# 13073. FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 08:57:57 UTC
From: Louise&JanPieper
Topic: 13073  Message: 13073

Hi all,
Does anybody outthere has some experiences with a inverted V on 6 meters?
I bought a MFJ948 tuner for HF, and it is working fine over all bands, even 6 got tuned, but is deaf to the end.
Next question: I can't find out why not, but would a inverted V standing upright as a V work the same way as
an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile antennas, as they are shortened
1/4 waves for 50 Mc !! Looks good on top of a car !
73, de PE1PMO Jan.

[Non-text portions of this message have been removed]

# 13074. Re: [FT100] Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 12:26:25 UTC
From: K4IA@arrl.net
Topic: 13071  Message: 13074

I would call Yaesu and give them your serial number. They can tell if the mods were done to that series. Your radio was made in August of 99. The 9 is the year and J is the month. Yaesu skips A & B. Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13075. Re: [FT100] Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 16:36:49 UTC
From: Einar Carlsen
Topic: 13071  Message: 13075

Re. mods.

I am also interested in IF and WHAT mods were done in the year your rig was manufactured. I have a FT-100D and serial number 9K12- indicating Sept 1999 as year of manufacture, just a month after yours. If you get hold of the service department, please post your results as it might help a lot of people. When I took the covers of my FT-100D I thought I could see the mods the various post indicated but there might be something I missed.

Thanks

Einar VE7BAQ

----- Original Message -----
From: guyle99
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 0:19 AM
Subject: [FT100] Is my radio at risk? Advice would be VERY appreciated!

I am the proud owner of a FT-100 (no D), serial starting with 9J10.
I acquired it brand new in May of 2000 as a graduation/upgrade to
General present, and it installed in my vehicle with a dual 2m/440
antenna until I could afford the ATAS.
However, I came across this group and have been reading about
problems with heat and such... is my particular radio series at risk
for these issues, since it was one of the earlier releases?
Thanks so much in advance! It looks like a great group running here -
and I plan to post some pics of my installation here once I pretty
everything up.

73,
Guy KB7QEG
Dallas, TX

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[Non-text portions of this message have been removed]

# 13076. Re: [FT100] Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 16:37:35 UTC
From: Einar Carlsen
Topic: 13071  Message: 13076

Re. mods.

I am also interested in IF and WHAT mods were done in the year your rig was manufactured. I have a FT-100D and serial number 9K12- indicating Sept 1999 as year of manufacture, just a month after yours. If you get hold of the service department, please post your results as it might help a lot of people. When I took the covers of my FT-100D I thought I could see the mods the various post indicated but there might be something I missed.

Thanks

Einar VE7BAQ

----- Original Message -----
From: K4IA@...
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 4:26 AM
Subject: Re: [FT100] Is my radio at risk? Advice would be VERY appreciated!

I would call Yaesu and give them your serial number. They can tell if the
mods were done to that series. Your radio was made in August of 99. The 9
is the year and J is the month. Yaesu skips A & B.

Radio K4IA
Craig "Buck"
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64
K1 #470 K2 #2460
fpQRP #442 QRP ARCI #2550
---

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13077. SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 16:38:47 UTC
From: w4wb
Topic: 13077  Message: 13077

For all of you that have been asking us when the "One BIG Punch" speech compressor for the Yaesu MH-31 microphone will be available, I am happy to announce that it is now ready for shipment. It is available in two ways.

First way is to send your MH-31 to W4RT Electronics and we will install the One BIG Punch for you. Turnaround time in our shop should be no more than one business day as is typical of the One Board Filter installations that many of you have already.

The second way is to install the One BIG Punch into your MH-31 yourself. Before you take this path, please read the instruction manual that is available as a download (Adobe pdf file) on the W4RT web site (www.w4rt.com). Installation requires a modest amount of skill.

You can purchase the One BIG Punch from either W4RT Electronics (www.w4rt.com) or GigaParts (www.gigaparts.com). Installation will be by W4RT Electronics in either case. GigaParts and W4RT Electronics are located a few miles apart.

The One BIG Punch was designed to provide a significant increase in talk power while maintaining good audio quality. For example, if you also have the FT-817, combining the One BIG Punch with the optional SSB filter (One Plug Filter or the One Board Filter) provides even more of a PUNCH!

73 de Barry - W4WB
W4RT Electronics

# 13078. Re: Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 17:47:20 UTC
From: john_k2gvp
Topic: 13071  Message: 13078

--- In FT100@y..., "guyle99" <guy@t...> wrote:
> I am the proud owner of a FT-100 (no D), serial starting with
9J10.
> I acquired it brand new in May of 2000 as a graduation/upgrade to
> General present, and it installed in my vehicle with a dual 2m/440
> antenna until I could afford the ATAS. For about a year I used it

Guy: I have 2 FT-100's (no D)and here is my experience. They have both been back to Yaesu for the SWR mod. One is my mobile transceiver (June 2000)and I use it on 2M and 70CM FM using a diamond dual band antenna and mostly on 17M but have used it a little on 20, 15 and 10M using hamstick antennas. My base station (Nov. 2000) us used mostly for 2M FM and a little 70CM and is turned on at 06:30 in the morning and off around 23:30 using a hustler fixed dual band antenna. Neither of these have the fan mod. in them. The base rig being on 2M FM on just receive gets a little warm, my FT-800 got MUCH warmer for the same duration, but dosen't seem it is that hot to cause a problem at least it hasn't in a year and 4 months of operation like this. The fan mod would be a good idea but haven't got to do it yet.
Hope this helps. John K2GVP

# 13079. How to adjust S/METER ON FT-100 on VHF...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-24 09:51:08 UTC
From: f5asdjerome@aol.com
Topic: 13079  Message: 13079

Hello to all members!

how to adjust the VHFS/METER on FT-100...

73'S F5ASD jerome

let me message : F5ASDJEROME@...

[Non-text portions of this message have been removed]

# 13080. Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 02:58:38 UTC
From: ft100guy
Topic: 12944  Message: 13080

Ham sticks (and clones) work extremely well with the FT100, an excellent choice if you prefer to "hang" on one band or with a tuner you can usually squeeze a band or so off from where it is resonant. The LDG brand will auto tune if I remember correctly and the new model has an optional head unit you can mount up front. The SGC I dont know, I havent had one but its highly rated on EHAM.com and some guys run it in here with a whip. I had the LDG (older version) but I opted to keep the ATAS as it worked well for me so I sold the tuner to a friend. Both are excellent choices and the SGC people make larger ones for those that choose to run some juice from the mobile. Regards.. Richy N2ZD

PS Check out Comet and Diamond as I believe they make triband UHF and VHF antennas in most of the common mount types..

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Hi Alek,
>
> I've been reading the thread on the comments about the FC20 vs the SDG or LDG Tuners. I've never considered the FC20, but I am awaiting arrival of a new FT-100D for my mobile/portable operation. Now my question: Is the LDG or SDG a small tuner that is conducive to mobile operation? I assume they are automatic. I have Hamsticks and Hamstick knock-offs that work quite well. My goal is to buy the ATAS antenna, but not for a while.

# 13081. Re: [FT100] How to adjust S/METER ON FT-100 on VHF...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 15:07:35 UTC
From: Dick Thompson
Topic: 13079  Message: 13081

Jerome,

Are you asking how to adjust the meter or want to tell us how to adjust the meter?

73,

Dick
wb0dul@...

----- Original Message -----
From: f5asdjerome@...
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 2:51 AM
Subject: [FT100] How to adjust S/METER ON FT-100 on VHF...

Hello to all members!

how to adjust the VHFS/METER on FT-100...

73'S F5ASD jerome

let me message : F5ASDJEROME@...

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13082. Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 15:14:08 UTC
From: Dick Thompson
Topic: 12944  Message: 13082

Thanks for the information. I have been using Hamsticks on my base station FT-920 and they work well. I think that once you have the Hamstick tunrd and know the frequency range per band, a tuner may not be necessary.

I'm waiting for the arrival of a new FT-100D (hopefully today or tomorrow), and plan on using my Hamsticks until I can get an ATAS or something similar. I'm a bit confused as to what to do. I knw I will probably get a tri-band mobile antenna for 6/2/430, but want something I can use to run mobile on the HF frequencies.

Do you know the URL address of where I can get more info on the LDG tuner?

Tnx & 73,

Dick
wb0dul@...

----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 7:58 PM
Subject: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Ham sticks (and clones) work extremely well with the FT100, an
excellent choice if you prefer to "hang" on one band or with a tuner
you can usually squeeze a band or so off from where it is resonant.
The LDG brand will auto tune if I remember correctly and the new
model has an optional head unit you can mount up front. The SGC I
dont know, I havent had one but its highly rated on EHAM.com and some
guys run it in here with a whip. I had the LDG (older version) but I
opted to keep the ATAS as it worked well for me so I sold the tuner
to a friend. Both are excellent choices and the SGC people make
larger ones for those that choose to run some juice from the mobile.
Regards.. Richy N2ZD

PS Check out Comet and Diamond as I believe they make triband UHF
and VHF antennas in most of the common mount types..

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Hi Alek,
>
> I've been reading the thread on the comments about the FC20 vs the
SDG or LDG Tuners. I've never considered the FC20, but I am awaiting
arrival of a new FT-100D for my mobile/portable operation. Now my
question: Is the LDG or SDG a small tuner that is conducive to
mobile operation? I assume they are automatic. I have Hamsticks and
Hamstick knock-offs that work quite well. My goal is to buy the ATAS
antenna, but not for a while.

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[Non-text portions of this message have been removed]

# 13083. Re: [FT100] SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 15:16:22 UTC
From: Dick Thompson
Topic: 13077  Message: 13083

How would the OBP speech processor work with an FT-100D or a FT-920? I looked at your web page and bookmarked it, but didn't see much info on the FT-100/100D.

Dick
wb0dul

----- Original Message -----
From: w4wb
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 9:38 AM
Subject: [FT100] SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

For all of you that have been asking us when the "One BIG Punch" speech compressor for the Yaesu MH-31 microphone will be available, I am happy to announce that it is now ready for shipment. It is available in two ways.

First way is to send your MH-31 to W4RT Electronics and we will install the One BIG Punch for you. Turnaround time in our shop should be no more than one business day as is typical of the One Board Filter installations that many of you have already.

The second way is to install the One BIG Punch into your MH-31 yourself. Before you take this path, please read the instruction manual that is available as a download (Adobe pdf file) on the W4RT web site (www.w4rt.com). Installation requires a modest amount of skill.

You can purchase the One BIG Punch from either W4RT Electronics (www.w4rt.com) or GigaParts (www.gigaparts.com). Installation will be by W4RT Electronics in either case. GigaParts and W4RT Electronics are located a few miles apart.

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73 de Barry - W4WB
W4RT Electronics

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[Non-text portions of this message have been removed]

# 13084. Fw: FT100-D: MARS Capable?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 15:38:00 UTC
From: Tony Hackenberg
Topic: 13084  Message: 13084

Can the Yaesu FT-100D operate on MARS frequencies?

If so, how difficult is it to do? Is a modification required, or can you just select the right menu option?

I'm thinking about purchasing a FT-100D as my primary mobile and secondary (backup) base rig.

73s,
Tony/WA8SSQ

# 13085. Re: [FT100] Fw: FT100-D: MARS Capable?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 16:35:59 UTC
From: Pres Waterman
Topic: 13084  Message: 13085

> Can the Yaesu FT-100D operate on MARS frequencies?

Yes

>
> If so, how difficult is it to do? Is a modification required, or can you
> just select the right menu option?

It involves taking off the cover to the control head and unsoldering a chip resistor, then restarting and dialing in 2 very obscure frequencies and facing left, making the odd Vulcan peace gesture, genuflecting towards Japan, and resetting and losing all memories.

http://www.mods.dk

go to the purple Yaesu button on top, then the FT100 button on the left, then the top link in the right pane "Transmit coverage for FT-100 English language"

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13086. Re: [FT100] Fw: FT100-D: MARS Capable?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 19:22:39 UTC
From: Allan C Severance
Topic: 13084  Message: 13086

RE: MARS COVERAGE FOR FT-100D

ITS REALLY EASY TO "OPEN" THE FT-100d FOR MARS

CHECK QRZ.COM FOR MODS

THE REAL PROBLEM IS LOCATING RESISTORS R-6035 AND R-6036

R-6035 MAY NOT EXIST IN YOUR UNIT

I WENT TO YAESU TO LOCATE THE RESISTORS THAT MUST BE REMOVED

73'S

K7LQY/AAR0FY

# 13087. New one on me - Beep Beep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 19:27:33 UTC
From: John Spiceman
Topic: 13087  Message: 13087

I was in the office this morning listening to Seattle Approach to SeaTac Airport (133.65). All of a sudden the FT100 started beeping.
I looked at the screen and in the upper lefthand corner, where the "IFT" shift icon and "DSP" would show up, there was a large circle with a checkmark in it and the letters APO underneath. Its still beeping ... over the top of still normal volume flight conversations.

I shut the power off, turned it back on and all is well.

Any idea what this is, oh group of infinite wisdom ...

Thanks

John - WB0RLD

---
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 13088. Re: [FT100] New one on me - Beep Beep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 19:29:34 UTC
From: Pres Waterman
Topic: 13087  Message: 13088

> show up, there was a large circle with a checkmark in
> it and the letters APO underneath. Its still beeping
> ... over the top of still normal volume flight
> conversations.
>
> I shut the power off, turned it back on and all is
> well.

You have enabled, in the menus, the Automatic Power Off function that shuts off the radio after 1/2/3 hours of no panel adjustments.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13089. RE: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 20:04:55 UTC
From: Blaine
Topic: 12944  Message: 13089

Hi Dick,

LDG Electronics

www.ldgelectronics.com

Blaine, VE7CQX
-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Monday, March 25, 2002 7:14 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Thanks for the information. I have been using Hamsticks on my base station FT-920 and they work well. I think that once you have the Hamstick tunrd and know the frequency range per band, a tuner may not be necessary.

I'm waiting for the arrival of a new FT-100D (hopefully today or tomorrow), and plan on using my Hamsticks until I can get an ATAS or something similar. I'm a bit confused as to what to do. I knw I will probably get a tri-band mobile antenna for 6/2/430, but want something I can use to run mobile on the HF frequencies.

Do you know the URL address of where I can get more info on the LDG tuner?

Tnx & 73,

Dick
wb0dul@...

----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 7:58 PM
Subject: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Ham sticks (and clones) work extremely well with the FT100, an excellent choice if you prefer to "hang" on one band or with a tuner you can usually squeeze a band or so off from where it is resonant. The LDG brand will auto tune if I remember correctly and the new model has an optional head unit you can mount up front. The SGC I dont know, I havent had one but its highly rated on EHAM.com and some guys run it in here with a whip. I had the LDG (older version) but I opted to keep the ATAS as it worked well for me so I sold the tuner to a friend. Both are excellent choices and the SGC people make larger ones for those that choose to run some juice from the mobile.
Regards.. Richy N2ZD

PS Check out Comet and Diamond as I believe they make triband UHF and VHF antennas in most of the common mount types..

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Hi Alek,
>
> I've been reading the thread on the comments about the FC20 vs the SDG or LDG Tuners. I've never considered the FC20, but I am awaiting arrival of a new FT-100D for my mobile/portable operation. Now my question: Is the LDG or SDG a small tuner that is conducive to mobile operation? I assume they are automatic. I have Hamsticks and Hamstick knock-offs that work quite well. My goal is to buy the ATAS antenna, but not for a while.

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# 13090. Re: [FT100] FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 21:29:24 UTC
From: Alex Turner
Topic: 13073  Message: 13090

My experience has been that with 6 meters you get to listen to many hours of nothing. If there is a beacon station close to you you might try tuning it just to verify that everything works.
when an opening occures it is amazing the stations that you will hear and be able to work with simple antennas and low power then it will go quiet again. If you are not experienced there with 6 meter operation there is much info to be found on the Internet. After awhile you will see why it is referred to as the "magic" band.

N4BYJ
----- Original Message -----
From: Louise&JanPieper
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 3:57 AM
Subject: [FT100] FT100 & 6 meters

Hi all,
Does anybody outthere has some experiences with a inverted V on 6 meters?
I bought a MFJ948 tuner for HF, and it is working fine over all bands, even 6 got tuned, but is deaf to the end.
Next question: I can't find out why not, but would a inverted V standing upright as a V work the same way as
an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile antennas, as they are shortened
1/4 waves for 50 Mc !! Looks good on top of a car !
73, de PE1PMO Jan.

[Non-text portions of this message have been removed]

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# 13091. RE: [FT100] New one on me - Beep Beep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 22:07:43 UTC
From: VA3FD
Topic: 13087  Message: 13091

Heh-heh, and has come in handy a few times when parking the car for the night and forgetting to shut the FT100 down...

Fred VA3FD

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Monday, March 25, 2002 2:30 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] New one on me - Beep Beep

> show up, there was a large circle with a checkmark in
> it and the letters APO underneath. Its still beeping
> ... over the top of still normal volume flight
> conversations.
>
> I shut the power off, turned it back on and all is
> well.

You have enabled, in the menus, the Automatic Power Off function that shuts
off the radio after 1/2/3 hours of no panel adjustments.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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<http://us.adserver.yahoo.com/l?M=215002.1818248.3328688.1261774/D=egroupmail/S=1705063108:HM/A=847665/rand=458139350>

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<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 13092. Re: FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 17:13:36 UTC
From: backhoefade
Topic: 13073  Message: 13092

I have had great success working 6 meters with a G5RV Junior in an inverted Vee configuration. When the band is open I receive 5-9 reports often from Nova Scotia. I'm in the SF area so that's a pretty good haul with just the barefoot FT-100D.
N6AF Chas

--- In FT100@y..., "Louise&JanPieper" <pe1pmo@a...> wrote:
> Hi all,
> Does anybody outthere has some experiences with a inverted V on 6 meters?
> I bought a MFJ948 tuner for HF, and it is working fine over all bands, even 6 got tuned, but is deaf to the end.
> Next question: I can't find out why not, but would a inverted V standing upright as a V work the same way as
> an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile antennas, as they are shortened
> 1/4 waves for 50 Mc !! Looks good on top of a car !
> 73, de PE1PMO Jan.
>
>
> [Non-text portions of this message have been removed]

# 13093. Re: Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 03:08:27 UTC
From: ft100guy
Topic: 13071  Message: 13093

Hey Guy,

Firstly, my condolences on the loss of your Dad, I lost my dad when I was 21 and my Mom at 24. At 34 I buried a child so I can identify with you on the lack of hamming and such. I hope you are doing well now..

With that outta the way, I can tell you that your radio most assuredly doesnt have any of the mods and a call to Yaesu as mentioned will get you no further information as they "bend the truth" from what we have determined here.
If the radio is out of warranty, check with Yaesu to see if they will cover the mods if its returned, specify in writing that you need the Fan Mod and the SWR mod. The fan mod will cool things down inside the rig and the SWR mod will make the radio more stable on HF and as reported, clean things up on UHF and VHF as well.
If you want to do the mods yourself, check out the files and photos area to the left of the website page.. Regards. Richy N2ZD

--- In FT100@y..., "guyle99" <guy@t...> wrote:
> I am the proud owner of a FT-100 (no D), serial starting with 9J10.
> I acquired it brand new in May of 2000 as a graduation/upgrade to
> General present, and it installed in my vehicle with a dual 2m/440
> antenna until I could afford the ATAS. For about a year I used it
> almost exclusively on 2m. My father gave my the ATAS-100 for my
> birthday last year, but unfortunately he died while it was in
> transit, so for awhile ham radio wasn't a high priority in life.
> However, now I have finally got my radio permanently installed and
> operating with the ATAS and my dual bander (I like the two separate
> antennas better, personally), and so far I'm very happy with it!
>
> However, I came across this group and have been reading about
> problems with heat and such... is my particular radio series at risk
> for these issues, since it was one of the earlier releases? Also,
> that guy Rich N2ZD is very handsome and the finest operator alive and I enjoy his comments. What a great guy....

# 13094. RE: [FT100] FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 02:10:11 UTC
From: Tom Tishken KD4WOV
Topic: 13073  Message: 13094

you just need to get on CB(2 meters) and let everyone know your on 6 meters.
that's what I did now there is 50 to 60 people on just about every night,
just to get away from the cb crowd on 2 meters.

-----Original Message-----
From: Alex Turner [mailto:aturner13@...]
Sent: Monday, March 25, 2002 4:29 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT100 & 6 meters

My experience has been that with 6 meters you get to listen to many hours of
nothing. If there is a beacon station close to you you might try tuning it
just to verify that everything works.
when an opening occures it is amazing the stations that you will hear and be
able to work with simple antennas and low power then it will go quiet again.
If you are not experienced there with 6 meter operation there is much info
to be found on the Internet. After awhile you will see why it is referred to
as the "magic" band.

N4BYJ
----- Original Message -----
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To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 3:57 AM
Subject: [FT100] FT100 & 6 meters

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Next question: I can't find out why not, but would a inverted V standing
upright as a V work the same way as
an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile
antennas, as they are shortened
1/4 waves for 50 Mc !! Looks good on top of a car !
73, de PE1PMO Jan.

[Non-text portions of this message have been removed]

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# 13095. ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 03:20:00 UTC
From: Scott Willis
Topic: 13095  Message: 13095

I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
Thanks in advance,
Scott
KD7EKO

---

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[Non-text portions of this message have been removed]

# 13096. Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 08:06:17 UTC
From: Dick Thompson
Topic: 12944  Message: 13096

Thanks, Blaine. I'll check out the site.

My new FT100D arrived today. Have been trying to figure it out. Man, talk about whistles and bells.

Thanks again for the info.

73,

Dick
wb0dul

----- Original Message -----
From: Blaine
To: FT100@yahoogroups.com
Sent: Monday, March 25, 2002 1:04 PM
Subject: RE: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Hi Dick,

LDG Electronics

www.ldgelectronics.com

Blaine, VE7CQX
-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Monday, March 25, 2002 7:14 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Thanks for the information. I have been using Hamsticks on my base station FT-920 and they work well. I think that once you have the Hamstick tunrd and know the frequency range per band, a tuner may not be necessary.

I'm waiting for the arrival of a new FT-100D (hopefully today or tomorrow), and plan on using my Hamsticks until I can get an ATAS or something similar. I'm a bit confused as to what to do. I knw I will probably get a tri-band mobile antenna for 6/2/430, but want something I can use to run mobile on the HF frequencies.

Do you know the URL address of where I can get more info on the LDG tuner?

Tnx & 73,

Dick
wb0dul@...

----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Sunday, March 24, 2002 7:58 PM
Subject: [FT100] Re: ATAS-100 or FC-20 + hamstick?

Ham sticks (and clones) work extremely well with the FT100, an excellent choice if you prefer to "hang" on one band or with a tuner you can usually squeeze a band or so off from where it is resonant. The LDG brand will auto tune if I remember correctly and the new model has an optional head unit you can mount up front. The SGC I dont know, I havent had one but its highly rated on EHAM.com and some guys run it in here with a whip. I had the LDG (older version) but I opted to keep the ATAS as it worked well for me so I sold the tuner to a friend. Both are excellent choices and the SGC people make larger ones for those that choose to run some juice from the mobile. Regards.. Richy N2ZD

PS Check out Comet and Diamond as I believe they make triband UHF and VHF antennas in most of the common mount types..

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Hi Alek,
>
> I've been reading the thread on the comments about the FC20 vs the SDG or LDG Tuners. I've never considered the FC20, but I am awaiting arrival of a new FT-100D for my mobile/portable operation. Now my question: Is the LDG or SDG a small tuner that is conducive to mobile operation? I assume they are automatic. I have Hamsticks and Hamstick knock-offs that work quite well. My goal is to buy the ATAS antenna, but not for a while.

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[Non-text portions of this message have been removed]

# 13097. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 12:35:00 UTC
From: K4IA@arrl.net
Topic: 13095  Message: 13097

Scott I haven't had the problem but the answer to most ATAS problems is grounding, grounding, grounding. Be sure the antenna mount is well grounded to the body. Mag mounts won't do it. Many trunk lids ride on nylon bearings and are isolated from the chassis -- they need a ground strap. 73 Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13098. Re: SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 13:38:46 UTC
From: w4wb
Topic: 13077  Message: 13098

Hi Dick,

The One BIG Punch should work fine with the FT-920 since it comes with the MH-31. I have not tried to put the OBP into the MH-36 microphone yet with my FT-100D. There is also the matter of the FT-100D's on-board processor and how the OBP would sound with both being used. I also have a FT-1000MP and tried the OBP with it with ALL of the MP's processing off. Worked fine. Normally, I use a Heil Goldline with the Studio element with my MP. I have the MP "tuned" (it has lots of things to tweak) for good audio and lots of punch. With the Quadra amp, my peak power is 1000-1060 W and the average power is 800-850 W!

The only other item we make for the FT-100D is the One-Touch Tune module that allows the simple generation of a tuning carrier. If you have a LDG AT-11MP or RT-11 (or AT-11 with the 706 mod) and the One-Touch Tune, all you have to do is just press the tune button on the tuner and the rest is automatic. Can also use with manual tuners and other autotuners with perhaps a little mod to them (get the command signal out). BTW, the CAT is still available unlike with the Yaesu tuner. See www.w4rt.com.

73 de Barry - W4WB

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> How would the OBP speech processor work with an FT-100D or a FT-920? I looked at your web page and bookmarked it, but didn't see much info on the FT-100/100D.
>
> Dick
> wb0dul
>
>
> ----- Original Message -----
> From: w4wb
> To: FT100@y...
> Sent: Sunday, March 24, 2002 9:38 AM
> Subject: [FT100] SPEECH COMPRESSOR for the MH-31 from W4RT Electronics
>
>
> For all of you that have been asking us when the "One BIG Punch"
> speech compressor for the Yaesu MH-31 microphone will be available, I
> am happy to announce that it is now ready for shipment. It is
> available in two ways.

>
> First way is to send your MH-31 to W4RT Electronics and we will
> install the One BIG Punch for you. Turnaround time in our shop
should
> be no more than one business day as is typical of the One Board
> Filter installations that many of you have already.
>
> The second way is to install the One BIG Punch into your MH-31
> yourself. Before you take this path, please read the instruction
> manual that is available as a download (Adobe pdf file) on the
W4RT
> web site (www.w4rt.com). Installation requires a modest amount of
> skill.
>
> You can purchase the One BIG Punch from either W4RT Electronics
> (www.w4rt.com) or GigaParts (www.gigaparts.com). Installation
will
> be by W4RT Electronics in either case. GigaParts and W4RT
> Electronics are located a few miles apart.
>
> The One BIG Punch was designed to provide a significant increase
in
> talk power while maintaining good audio quality. For example, if
you
> also have the FT-817, combining the One BIG Punch with the
optional
> SSB filter (One Plug Filter or the One Board Filter) provides
even
> more of a PUNCH!
>
> 73 de Barry - W4WB
> W4RT Electronics
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# 13099. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 14:48:00 UTC
From: Bob Evans
Topic: 13095  Message: 13099

Scott,

Relax, you're in good company on that problem. There could be many reasons for not tuning 10M, but almost all of them are related to your antenna installation not quite being finished yet. I had the same problem myself and ended up adding a 2" wide braided grounding strap from the antenna mount to the car chassis (not just some convenient body sheet metal). The next thing I did was to replace the coax on my Comet mount. Comet just used a compression fit connection to attach the coax to the mount and it wasn't enough, it needed to be soldered, on both ends, for a better contact. That will probably get you running with great SWR.

The other possibility (which I think is only a 2% probability, even though some guys on here swear by it) is that you may need the internal grounding mod, commonly referred to as the "SWR" mod. Do this one only AFTER you've done the others AND you've tried the rig on a known fixed station 10M antenna (or dummy load) where the SWR problem shows up just like in your mobile installation. I have never had to do this mod on my old FT-100 and it has worked like a champ from day one, but I had to spend quite a bit of time getting the mobile antenna mount "right".

Good luck, it will be worth the effort!
Bob K5WA

>Message: 15
> Date: Mon, 25 Mar 2002 19:20:00 -0800 (PST)
> From: Scott Willis <himark151@...>
>Subject: ATAS-100 won't tune on 10m ?
>
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on >10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
>Thanks in advance,
>Scott
>KD7EKO

# 13100. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:12:04 UTC
From: Dick Thompson
Topic: 13095  Message: 13100

Good advice Craig. Dick wb0dul ----- Original Message ----- From: K4IA@... To: FT100@yahoogroups.com Sent: Tuesday, March 26, 2002 5:35 AM Subject: Re: [FT100] ATAS-100 won't tune on 10m ? Scott I haven't had the problem but the answer to most ATAS problems is grounding, grounding, grounding. Be sure the antenna mount is well grounded to the body. Mag mounts won't do it. Many trunk lids ride on nylon bearings and are isolated from the chassis -- they need a ground strap. 73 Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed] Yahoo! Groups Sponsor ADVERTISEMENT Post message: FT100@yahoogroups.com Subscribe: FT100-subscribe@yahoogroups.com Unsubscribe: FT100-unsubscribe@yahoogroups.com List owner: FT100-owner@yahoogroups.com FAQ on WWW: http://www.k0lee.com/ft100faq.html We are all a part of this Lets make it as good as possible. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service. [Non-text portions of this message have been removed]

# 13101. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:17:08 UTC
From: Dick Thompson
Topic: 13095  Message: 13101

Bob,

Do the new T-100D's have the grounding/swr mod done already at the factory? (I know, I'm dreaming and living in a fantasy world). I just got my new 100D last night and it works fine, but its main use will be mobile and in my camper this summer.

If it isn't shipped with the mod, where can I find out about the mod and how to do it?

Thanks,

Dick
wb0dul

----- Original Message -----
From: Bob Evans
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 7:48 AM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

Scott,

Relax, you're in good company on that problem. There could be many reasons for not tuning 10M, but almost all of them are related to your antenna installation not quite being finished yet. I had the same problem myself and ended up adding a 2" wide braided grounding strap from the antenna mount to the car chassis (not just some convenient body sheet metal). The next thing I did was to replace the coax on my Comet mount. Comet just used a compression fit connection to attach the coax to the mount and it wasn't enough, it needed to be soldered, on both ends, for a better contact. That will probably get you running with great SWR.

The other possibility (which I think is only a 2% probability, even though some guys on here swear by it) is that you may need the internal grounding mod, commonly referred to as the "SWR" mod. Do this one only AFTER you've done the others AND you've tried the rig on a known fixed station 10M antenna (or dummy load) where the SWR problem shows up just like in your mobile installation. I have never had to do this mod on my old FT-100 and it has worked like a champ from day one, but I had to spend quite a bit of time getting the mobile antenna mount "right".

Good luck, it will be worth the effort!
Bob K5WA

>Message: 15
> Date: Mon, 25 Mar 2002 19:20:00 -0800 (PST)
> From: Scott Willis <himark151@...>
>Subject: ATAS-100 won't tune on 10m ?

>
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on >10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
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[Non-text portions of this message have been removed]

# 13102. Re: [FT100] Re: SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:21:02 UTC
From: Dick Thompson
Topic: 13077  Message: 13102

Thanks, Barry. Appreciate all the information. I have the FT-920 and I get great audio reports using the MD-100 mike. Someday I may add the Heil Headset mike.

I'll check out the web site.

73,

Dick
wb0dul

----- Original Message -----
From: w4wb
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 6:38 AM
Subject: [FT100] Re: SPEECH COMPRESSOR for the MH-31 from W4RT Electronics

Hi Dick,

The One BIG Punch should work fine with the FT-920 since it comes with the MH-31. I have not tried to put the OBP into the MH-36 microphone yet with my FT-100D. There is also the matter of the FT-100D's on-board processor and how the OBP would sound with both being used. I also have a FT-1000MP and tried the OBP with it with ALL of the MP's processing off. Worked fine. Normally, I use a Heil Goldline with the Studio element with my MP. I have the MP "tuned" (it has lots of things to tweak) for good audio and lots of punch. With the Quadra amp, my peak power is 1000-1060 W and the average power is 800-850 W!

The only other item we make for the FT-100D is the One-Touch Tune module that allows the simple generation of a tuning carrier. If you have a LDG AT-11MP or RT-11 (or AT-11 with the 706 mod) and the One-Touch Tune, all you have to do is just press the tune button on the tuner and the rest is automatic. Can also use with manual tuners and other autotuners with perhaps a little mod to them (get the command signal out). BTW, the CAT is still available unlike with the Yaesu tuner. See www.w4rt.com.

73 de Barry - W4WB

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> How would the OBP speech processor work with an FT-100D or a FT-920? I looked at your web page and bookmarked it, but didn't see much info on the FT-100/100D.
>
> Dick

> wb0dul
>
>
> ----- Original Message -----
> From: w4wb
> To: FT100@y...
> Sent: Sunday, March 24, 2002 9:38 AM
> Subject: [FT100] SPEECH COMPRESSOR for the MH-31 from W4RT
Electronics
>
>
> For all of you that have been asking us when the "One BIG Punch"
> speech compressor for the Yaesu MH-31 microphone will be
available, I
> am happy to announce that it is now ready for shipment. It is
> available in two ways.
>
> First way is to send your MH-31 to W4RT Electronics and we will
> install the One BIG Punch for you. Turnaround time in our shop
should
> be no more than one business day as is typical of the One Board
> Filter installations that many of you have already.
>
> The second way is to install the One BIG Punch into your MH-31
> yourself. Before you take this path, please read the instruction
> manual that is available as a download (Adobe pdf file) on the
W4RT
> web site (www.w4rt.com). Installation requires a modest amount of
> skill.
>
> You can purchase the One BIG Punch from either W4RT Electronics
> (www.w4rt.com) or GigaParts (www.gigaparts.com). Installation
will
> be by W4RT Electronics in either case. GigaParts and W4RT
> Electronics are located a few miles apart.
>
> The One BIG Punch was designed to provide a significant increase
in
> talk power while maintaining good audio quality. For example, if
you
> also have the FT-817, combining the One BIG Punch with the
optional
> SSB filter (One Plug Filter or the One Board Filter) provides
even
> more of a PUNCH!
>
> 73 de Barry - W4WB
> W4RT Electronics
>
>

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# 13103. Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:42:28 UTC
From: wb0dul
Topic: 13103  Message: 13103

Does anyone know where I can get a set of power cord connectors like those that are on the FT-100D? I called HRO and they don't sell just the connectors. All they have is the complete power cord that mates with the pigtail coming out of the FT-100D. He said there is only one in the entire company and they are asking $33.00 for it. (He said he thinks it may be gold plated. Hi Hi). He suggested checking with you guys as maybe someone has found a set and didn't have to pay an arm and a leg to get them. The other alternative is to change the connectors to something more readily available. All I want to do is put a connector on the end of the wire I currently have coming from my truck battery.

Hope someone can help.

73,

Dick
wb0dul

# 13104. Re: [FT100] Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:44:17 UTC
From: Pres Waterman
Topic: 13103  Message: 13104

> Does anyone know where I can get a set of power cord connectors like
> those that are on the FT-100D? I called HRO and they don't sell just

http://www.powerwerx.com

also at the Dayton Hamvention, the plug went for $10 there

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13105. [FT100] Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 15:54:48 UTC
From: Kirby Hylton
Topic: 13103  Message: 13105

As Pres suggested, I recommend the good products at Powerwerx.com. If you order from them, make it a big order, since shipping is considerable.

When I first purchased my FT-100D, I also bought a spare power cable. When I recently wired my wife's Jetta, I used the FT-100D connector from powerwerx.

FWIW, if you do a lot of automotive aftermarket wiring, I recommend www.wranglernw.com. If not just for their selection of automotive wiring and connectors, their catalog alone has been a great help (the website is sort of cumbersome to search on; download or request a print copy of their catalog). Their shipping charges are very minimal.

Enjoy your FT-100D. It's a great radio. I'm looking forward to getting mine back from Yaesu in a few weeks.

Kirby
ab0rf

On Tue, 26 Mar 2002 10:44:17 -0500, Pres Waterman wrote:

>http://www.powerwerx.com

# 13106. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 16:38:00 UTC
From: John Spiceman
Topic: 13095  Message: 13106

Scott,
Grounding, of course is essential, at the radio. Its
also essential to get all the car metal tied together
to form one ground.

I use an MFJ mag mount on the trunk of my 99
Bonneville and it works ALL bands beautifully. What
WAS critical was the coax length from the mount to the
radio.

I added about 8 ft of coax to the MFJ 17ft in order to
get a ground at the antenna. That messed everything
up. Could no longer load on 15,17 mtrs or 24 mtrs. I
surmised from that that the 17ft was critical. Went
back to 17ft and everything worked again. Coax length
is very important. I know 17ft works with the ATAS.

John - WB0RLD

--- Scott Willis <himark151@...> wrote:
>
> I know you guys will have an answer for this...
> but I just installed my FT100D and ATAS-100, and I
> can't get it to tune on 10 meters. I try it in
> automatic TUN, or try it manually, and it won't tune
> on 10 AT ALL!!!! Any ideas?
> Thanks in advance,
> Scott
> KD7EKO
>
>
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http://movies.yahoo.com/

# 13107. Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 20:39:37 UTC
From: k6rcx
Topic: 13103  Message: 13107

Yaesu sells the bare plugs, for the cable or radio end, for $4.30
each.
Best price i've seen for them. I got got them from the Ceritos office.
Erwin

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors
like
> those that are on the FT-100D? I called HRO and they don't sell
just
> the connectors. All they have is the complete power cord that
mates
> with the pigtail coming out of the FT-100D. He said there is only
> one in the entire company and they are asking $33.00 for it. (He
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> connectors to something more readily available. All I want to do
is
> put a connector on the end of the wire I currently have coming from
> my truck battery.
>
> Hope someone can help.
>
> 73,
>
> Dick
> wb0dul

# 13108. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 21:18:36 UTC
From: John Shalamskas
Topic: 13095  Message: 13108

You should not have to fiddle with the feedline in order to get a good SWR. Most likely you are getting the dreaded spurious oscillation problem that will kill your final amplifier if you let it go on long enough. Try keying up on 10M SSB without any audio input to the microphone. Does the meter show any RF output? If it does, you've probably got the oscillation problem, and will need to send the radio to Yaesu for the grounding mod. In my case I'd get 80 watts of RF out, despite having no input audio on SSB and the HI SWR icon being lit. The RF foldback circuitry is supposed to clamp the power to 10 watts at high SWR, but the spurious oscillation was occuring beyond the point where the foldback circuitry has control of power output.

By the way, I just got my FT100 back (for the second time) after the "Hi SWR" / spurious oscillation mod, and it appears to be working great on all bands. Time will tell if the mod really worked - last time it worked a few weeks and then gradually got worse, occurring on more bands as time passed.

John KJ9U

On Tue, 26 Mar 2002, John Spiceman wrote:

> Scott,
> Grounding, of course is essential, at the radio. Its
> also essential to get all the car metal tied together
> to form one ground.
>
> I use an MFJ mag mount on the trunk of my 99
> Bonneville and it works ALL bands beautifully. What
> WAS critical was the coax length from the mount to the
> radio.
>
> I added about 8 ft of coax to the MFJ 17ft in order to
> get a ground at the antenna. That messed everything
> up. Could no longer load on 15,17 mtrs or 24 mtrs. I
> surmised from that that the 17ft was critical. Went
> back to 17ft and everything worked again. Coax length
> is very important. I know 17ft works with the ATAS.
>
> John - WB0RLD
>
>
> --- Scott Willis <himark151@...> wrote:
> >
> > I know you guys will have an answer for this...
> > but I just installed my FT100D and ATAS-100, and I

> > can't get it to tune on 10 meters. I try it in
> > automatic TUN, or try it manually, and it won't tune
> > on 10 AT ALL!!!! Any ideas?
> > Thanks in advance,
> > Scott
> > KD7EKO

# 13109. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 23:10:12 UTC
From: k6rcx
Topic: 13095  Message: 13109

If you have the base of the ATAS well grounded to the body AND the whip is in the clear, not close to the body, it should tune. I run mine on a blazer, suburban and moterhome. The MH is the only one that had a minor problem because it was only grounded to the steel tube frame. The rest is fiberglasS. 20M took a couple of ferrite beads to de-couple the RF from the coax. 6M took a couple of 1/4 wave ground plane straps on the roof.
If the radio has not got the ground strap mod inside it 10M is the first place that the resulting oscilation shows up. Mine tried to radiate at 13MHz instead of 28.5 MHz. The ATAS can't tune etc. I confimed this by holding a hand held freq meter above the car roof. It read 13 MHz.
Good Luck
Erwin

--- In FT100@y..., Scott Willis <himark151@y...> wrote:
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
> Thanks in advance,
> Scott
> KD7EKO
>
>
>
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# 13110. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 00:33:04 UTC
From: Dale G. Brown
Topic: 13095  Message: 13110

Scott: One approach that has worked on both of my FT100's is to put a ferrite choke (donut) under the ATAS100. Just wrap 3 or 4 wraps through and around the donut close to the base of the ATAS100. That has helped stomp out the
dreaded HI SWR icon....Dale KC2PZ

Scott Willis wrote:

> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
> Thanks in advance,
> Scott
> KD7EKO
>
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# 13111. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 01:44:24 UTC
From: backhoefade
Topic: 13095  Message: 13111

First thing to do is check if the ground strap mod has been done. It can't be the adhesive copper tape either. Gotta be screwed into the rib. If not then it's "off to Cerritos" we go. The other thing you can try is place a dummy load at the end of the coax in your mobile set-up.
Just place the dummy load where your antenna would be, with the coax running as you plan. If you see the "SWR Gremlin", then it's "off to Cerritos" you go. It's really crazy how some people don't want to believe that the problem is often inside the rig. You should be able to run that rig, without any grounds what-so-ever through any length of coax to a dummy load without the SWR behavior happening. It's a 13.65 MHz spurious oscillation. Until I had mine modded I couldn't operate on 10 Meters with any antenna at all. So I looked at the rig with a spectrum analyzer and saw the spurious oscillation. Now who thinks that it's normal to have to add a bunch of external grounding in order to not have a spurious oscillation occur. Come on!

N6AF Chas

--- In FT100@y..., Scott Willis <himark151@y...> wrote:
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
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> Scott
> KD7EKO
>
>
>
> ---------------------------------
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> [Non-text portions of this message have been removed]

# 13112. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 01:44:32 UTC
From: backhoefade
Topic: 13095  Message: 13112

First thing to do is check if the ground strap mod has been done. It can't be the adhesive copper tape either. Gotta be screwed into the rib. If not then it's "off to Cerritos" we go. The other thing you can try is place a dummy load at the end of the coax in your mobile set-up.
Just place the dummy load where your antenna would be, with the coax running as you plan. If you see the "SWR Gremlin", then it's "off to Cerritos" you go. It's really crazy how some people don't want to believe that the problem is often inside the rig. You should be able to run that rig, without any grounds what-so-ever through any length of coax to a dummy load without the SWR behavior happening. It's a 13.65 MHz spurious oscillation. Until I had mine modded I couldn't operate on 10 Meters with any antenna at all. So I looked at the rig with a spectrum analyzer and saw the spurious oscillation. Now who thinks that it's normal to have to add a bunch of external grounding in order to not have a spurious oscillation occur. Come on!

N6AF Chas

--- In FT100@y..., Scott Willis <himark151@y...> wrote:
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
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# 13113. Re: [FT100] Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 02:30:25 UTC
From: Dick Thompson
Topic: 13103  Message: 13113

Thanks. Will check out the site. Had to cancel on Dayton this year, but got a new FT-100D as a consolation prize. :)

73,

Dick
wb0dul

----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 8:44 AM
Subject: Re: [FT100] Power cord connectors for FT-100D

> Does anyone know where I can get a set of power cord connectors like
> those that are on the FT-100D? I called HRO and they don't sell just

http://www.powerwerx.com

also at the Dayton Hamvention, the plug went for $10 there

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 13114. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 02:34:31 UTC
From: Dick Thompson
Topic: 13095  Message: 13114

John,

I may be missing something here, but where, on the back of the FT-100D do you connect a ground? It's one of the first rigs I've ever seen that didn't have a ground lug on the rear of it.

Dick
wb0dul

----- Original Message -----
From: "John Spiceman" <jrmorris28@...>
To: <FT100@yahoogroups.com>
Sent: Tuesday, March 26, 2002 9:38 AM
Subject: Re: [FT100] ATAS-100 won't tune on 10m ?

> Scott,
> Grounding, of course is essential, at the radio. Its
> also essential to get all the car metal tied together
> to form one ground.
>
> I use an MFJ mag mount on the trunk of my 99
> Bonneville and it works ALL bands beautifully. What
> WAS critical was the coax length from the mount to the
> radio.
>
> I added about 8 ft of coax to the MFJ 17ft in order to
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> back to 17ft and everything worked again. Coax length
> is very important. I know 17ft works with the ATAS.
>
> John - WB0RLD
>
>
> --- Scott Willis <himark151@...> wrote:
> >
> > I know you guys will have an answer for this...
> > but I just installed my FT100D and ATAS-100, and I
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> > automatic TUN, or try it manually, and it won't tune
> > on 10 AT ALL!!!! Any ideas?
> > Thanks in advance,
> > Scott
> > KD7EKO
> >

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# 13115. Re: [FT100] Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 02:40:03 UTC
From: Dick Thompson
Topic: 13103  Message: 13115

Thanks, Kirby,

I'll check out the site you recommended.

What bothers me about the FT-100D right now is that everybody seems to be having to send them back to Yaesu for this mod or that mod. What I'd like to know is why in the heck doesn't Yaesu just build the "mod" into the radio when they make it and save everyone a lot of hassle?

Is this Hi SWR mod something that a guy can do without sending the radio to them?

Thanks again,

Dick
wb0dul

----- Original Message -----
From: Kirby Hylton
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 8:54 AM
Subject: [FT100] Power cord connectors for FT-100D

As Pres suggested, I recommend the good products at Powerwerx.com. If you order from them, make it a big order, since shipping is considerable.

When I first purchased my FT-100D, I also bought a spare power cable. When I recently wired my wife's Jetta, I used the FT-100D connector from powerwerx.

FWIW, if you do a lot of automotive aftermarket wiring, I recommend www.wranglernw.com. If not just for their selection of automotive wiring and connectors, their catalog alone has been a great help (the website is sort of cumbersome to search on; download or request a print copy of their catalog). Their shipping charges are very minimal.

Enjoy your FT-100D. It's a great radio. I'm looking forward to getting mine back from Yaesu in a few weeks.

Kirby
ab0rf

On Tue, 26 Mar 2002 10:44:17 -0500, Pres Waterman wrote:

>http://www.powerwerx.com

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# 13116. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 02:44:02 UTC
From: Dick Thompson
Topic: 13095  Message: 13116

Thanks, Chas. It's rediculous that Yaesu can't ship the radios with the "mod" already done. It would probably cost them less than a buck to do it.

Dick
wb0dul

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 6:44 PM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

First thing to do is check if the ground strap mod has been done. It can't be the adhesive copper tape either. Gotta be screwed into the rib. If not then it's "off to Cerritos" we go. The other thing you can try is place a dummy load at the end of the coax in your mobile set-up.
Just place the dummy load where your antenna would be, with the coax running as you plan. If you see the "SWR Gremlin", then it's "off to Cerritos" you go. It's really crazy how some people don't want to believe that the problem is often inside the rig. You should be able to run that rig, without any grounds what-so-ever through any length of coax to a dummy load without the SWR behavior happening. It's a 13.65 MHz spurious oscillation. Until I had mine modded I couldn't operate on 10 Meters with any antenna at all. So I looked at the rig with a spectrum analyzer and saw the spurious oscillation. Now who thinks that it's normal to have to add a bunch of external grounding in order to not have a spurious oscillation occur. Come on!

N6AF Chas

--- In FT100@y..., Scott Willis <himark151@y...> wrote:
>
> I know you guys will have an answer for this... but I just installed my FT100D and ATAS-100, and I can't get it to tune on 10 meters. I try it in automatic TUN, or try it manually, and it won't tune on 10 AT ALL!!!! Any ideas?
> Thanks in advance,
> Scott
> KD7EKO
>
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# 13117. Re: [FT100] Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 02:45:32 UTC
From: Dick Thompson
Topic: 13103  Message: 13117

That's what I was hoping to hear. I'll contact them tomorrow. Thanks.

73,

Dick
wb0dul

----- Original Message -----
From: k6rcx
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 1:39 PM
Subject: [FT100] Re: Power cord connectors for FT-100D

Yaesu sells the bare plugs, for the cable or radio end, for $4.30
each.
Best price i've seen for them. I got got them from the Ceritos office.
Erwin

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors
like
> those that are on the FT-100D? I called HRO and they don't sell
just
> the connectors. All they have is the complete power cord that
mates
> with the pigtail coming out of the FT-100D. He said there is only
> one in the entire company and they are asking $33.00 for it. (He
> said he thinks it may be gold plated. Hi Hi). He suggested
checking
> with you guys as maybe someone has found a set and didn't have to
pay
> an arm and a leg to get them. The other alternative is to change
the
> connectors to something more readily available. All I want to do
is
> put a connector on the end of the wire I currently have coming from
> my truck battery.
>
> Hope someone can help.
>
> 73,
>
> Dick
> wb0dul

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# 13118. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 05:28:20 UTC
From: n9cv
Topic: 13095  Message: 13118

It is cheaper for Yeasu this way. They only have to fix the ones that are sent back under warrantee for free. If the PA quits after the warrantee period, then they get to charge you up to $500 to repair the radio. If they publicly admit there is a problem, then they would have to fix all radios in the field. They also would have to pay someone at Yeasu to find and to open all of the boxes that they have in stock or at the dealers and to fix all radios prior to sale. Some of these new radios FT-100Ds have serial numbers from 1999. I do not know what effect this policy has had on sales of their products, but it can not be good. I personally know of one sale that they lost because of this policy.

One heck of a way to run a business isn't it. There is an interesting thread going on right now on QRZ.com about other Yaesu products and frequency of return to Yeasu for warrantee repairs.

I think Yeasu intensionally takes their time fixing these so as to discourage the bulk of FT-100 owners from sending them in for repair. Most people do not want to wait fot 8 weeks plus to have a 1/2 hour repair done in California.

This is one time where the Non-North American hams probably have a better turn around time in their local country than us in Canada and the US.

Send it in, have the mods done, find another hobby for a couple of months, and you'll love the radio when it returns from it's California vacation. I love my unit now. I beat the pile up two days ago with the FT-100D mobile and got Duce Island (VP6DI). I also got a VP5 from my mobile today.

Ken - N9CV

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Thanks, Chas. It's rediculous that Yaesu can't ship the radios with the "mod" already done. It would probably cost them less than a buck to do it.
>
> Dick
> wb0dul
>

# 13119. Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 05:32:53 UTC
From: n9cv
Topic: 13103  Message: 13119

I have seen them at every midwest hamfest that I have attended in the last year for under $10.00.

Ken - N9CV

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors like
> those that are on the FT-100D?

# 13120. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 05:59:43 UTC
From: Dick Thompson
Topic: 13095  Message: 13120

I guess I'm just a naive old fart, Ken. You'd think they'd do it right the first time and be done with it. I've owned a lot of Yaesu equipment over the years and haven't had a problem with any of them. I guess all I can do is keep my fingers crossed and hope for the best.

73,

Dick
wb0dul

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 10:28 PM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

It is cheaper for Yeasu this way. They only have to fix the ones that are sent back under warrantee for free. If the PA quits after the warrantee period, then they get to charge you up to $500 to repair the radio. If they publicly admit there is a problem, then they would have to fix all radios in the field. They also would have to pay someone at Yeasu to find and to open all of the boxes that they have in stock or at the dealers and to fix all radios prior to sale. Some of these new radios FT-100Ds have serial numbers from 1999. I do not know what effect this policy has had on sales of their products, but it can not be good. I personally know of one sale that they lost because of this policy.

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Ken - N9CV

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# 13121. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 10:20:27 UTC
From: n9cv
Topic: 13095  Message: 13121

They will update the FT-100 and fix it right. They just take their time about doing it. I had to send mine in when it was new also. Luckily it lasted through my 4 weeks mobile through Central and Western Canada and failed two days after I returned. If it fails this year while I am in BC, Alberta and the Yukon, I will be plenty mad. It has run fine since being repaired in last August. I run it mobile every day whenever the ignition switch is on in my car. I am convinced the fixes work and you should see no more problems after it returns.

Ken - N9CV

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I guess I'm just a naive old fart, Ken. You'd think they'd do it right the first time and be done with it. I've owned a lot of Yaesu equipment over the years and haven't had a problem with any of them. I guess all I can do is keep my fingers crossed and hope for the best.
>
> 73,
>
> Dick
> wb0dul
>
>
> ----- Original Message -----
> From: n9cv
> To: FT100@y...
> Sent: Tuesday, March 26, 2002 10:28 PM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
>
>
> It is cheaper for Yeasu this way. They only have to fix the ones
> that are sent back under warrantee for free. If the PA quits after
> the warrantee period, then they get to charge you up to $500 to
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> Send it in, have the mods done, find another hobby for a couple
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> Post message: FT100@y...
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>
> [Non-text portions of this message have been removed]

# 13122. Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 14:33:16 UTC
From: Bob Evans
Topic: 13095  Message: 13122

I do!

I have played with vertical antennas for years and always come back to the same conclusion: Take the time, care and good operating practice to ground a vertical properly with an effective ground/ground plane/radial system or you get all the problems you have mentioned. Plus, the antenna radiates like it was designed to do rather than like a wet noodle whose SWR changes as the coax length changes, not to mention that the rig doesn't need to visit Cerritos.

Bob K5WA

>Now who thinks that it's normal to have to add a bunch of external grounding
>in order to not have a spurious oscillation occur. Come on!
>
>N6AF Chas

# 13123. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 15:06:55 UTC
From: David Kiwerski
Topic: 13095  Message: 13123

Sounds like another cure the symptom, not the cause. Can't emphasize enough the importance of proper bonding of all body parts!! Had the same problem on my car, and ending up with 2 braided bonds from the antenna mount to the trunk lid, along with 2 from the trunk lid to the car body. Hated to drill holes in my brand new car, but, priorities, you know....

Dave wp2aat

# 13124. ft100 software - new version

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 15:05:38 UTC
From: avflinsch
Topic: 13124  Message: 13124

ft100 software - new version

Ft100 version 0.0.7 has been released under the GPL (free for those who don't know) for both linux & (due to unpopular demand) windows.

Currently there is a gui for linux, but none for windows. The windows version is command line only. If there is anyone out there that is willing to write a simple gui front end for windows, please contact me off list.

There will be a new gui front end for linux released sometime in the next few days.

See http://www.qsl.net/kc2ivl/ for more details

# 13125. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 15:42:21 UTC
From: Dick Thompson
Topic: 13095  Message: 13125

Maybe I'll be one of the lucky ones and not have any problems. The main problem I have is that you shouldn't have to send the radio in at all to have it fixed and running properly right from the start. There is no amount of excuses they can offer that will replace good quality control. It's like Windows operating system; they release it with known bugs, then when people complain they fix it. That sucks.

I took the cover off mine this morning and looked at it. The ground to the chasis is not a braided material. It looks like a copper colored foil. If I had known about all of the folks sending their units back to the factory and then getting them back as fixed and are now happy, I would have bought some other radio. As yet I have no problems, but I've only had it for a couple of days, so who knows what will happen. I just know one thing and that is that you should NOT have to send the radio in to Yaesu to have a mod made that should not even be needed in the first place and that they could fix when they manufacture the radio since it's a known problem on some radios.

OK, I'm off the soap box and now will get to learning how to use it and figure out all the features, of which there are many.

73,

Dick

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:20 AM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

They will update the FT-100 and fix it right. They just take their time about doing it. I had to send mine in when it was new also. Luckily it lasted through my 4 weeks mobile through Central and Western Canada and failed two days after I returned. If it fails this year while I am in BC, Alberta and the Yukon, I will be plenty mad. It has run fine since being repaired in last August. I run it mobile every day whenever the ignition switch is on in my car. I am convinced the fixes work and you should see no more problems after it returns.

Ken - N9CV

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I guess I'm just a naive old fart, Ken. You'd think they'd do it right the first time and be done with it. I've owned a lot of Yaesu equipment over the years and haven't had a problem with any of them. I guess all I can do is keep my fingers crossed and hope for the best.
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> 73,
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> ----- Original Message -----
> From: n9cv
> To: FT100@y...
> Sent: Tuesday, March 26, 2002 10:28 PM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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[Non-text portions of this message have been removed]

# 13126. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 16:03:16 UTC
From: John McClain
Topic: 13095  Message: 13126

Dick,
I feel the same as you and I would imagine that most of us on this list would agree. The foil that you saw is Yaesu's mod for the problem, they do not use the braid. If you should detect the SWR problem in the next few weeks, don't worry about sending the rig to Yaesu for repair, return it to the dealer for replacement as I did. I purchased mine in mid December of last year and found that mine was a dud right out of the box. It had a 0D serial number which means that it had been manuafactured almost two years earlier. The dealer exchanged it for another 100 that had a serial number beginning with 1G. This second rig had Yaesu's SWR mod and is working OK. However, it does not have the fan mod so I installed the resistor to keep the fans spinning. I will be returning it to Yaesu while it is still under warranty to have Yaesu's fan mod installed but I want to use it for several months before sending it in.

John
K7SVV@...
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 8:42 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Maybe I'll be one of the lucky ones and not have any problems. The main problem I have is that you shouldn't have to send the radio in at all to have it fixed and running properly right from the start. There is no amount of excuses they can offer that will replace good quality control. It's like Windows operating system; they release it with known bugs, then when people complain they fix it. That sucks.

I took the cover off mine this morning and looked at it. The ground to the chasis is not a braided material. It looks like a copper colored foil. If I had known about all of the folks sending their units back to the factory and then getting them back as fixed and are now happy, I would have bought some other radio. As yet I have no problems, but I've only had it for a couple of days, so who knows what will happen. I just know one thing and that is that you should NOT have to send the radio in to Yaesu to have a mod made that should not even be needed in the first place and that they could fix when they manufacture the radio since it's a known problem on some radios.

OK, I'm off the soap box and now will get to learning how to use it and figure out all the features, of which there are many.

73,

Dick

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:20 AM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

They will update the FT-100 and fix it right. They just take their time about doing it. I had to send mine in when it was new also. Luckily it lasted through my 4 weeks mobile through Central and Western Canada and failed two days after I returned. If it fails this year while I am in BC, Alberta and the Yukon, I will be plenty mad. It has run fine since being repaired in last August. I run it mobile every day whenever the ignition switch is on in my car. I am convinced the fixes work and you should see no more problems after it
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Ken - N9CV

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> From: n9cv
> To: FT100@y...
> Sent: Tuesday, March 26, 2002 10:28 PM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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# 13127. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 16:36:10 UTC
From: Dick Thompson
Topic: 13095  Message: 13127

OK, John, thanks. I somehow was under the impression that the braid was what was used when the mod had to be made.

As for the fan, the fan in mine kicks in as soon as I key the mike, and sometimes will run a few seconds longer after I drop the carrier. Is that indicative of the fan mod? Also, the fans are not the quietest in the world (compared to my new FT-920), but it's not all that irritating.

I have a lot to learn about this rig. I have the 5 QMB slots programmed with 5 frequencies I use on 2 meters. I will be doing some preparation to install it in the mobile, today. I bought the Quick Release mobile bracket when I ordered the rig. I'm going to call Yaesu in Cerritos today to order a couple of power cord connectors. They are different than anything I've seen, but I like them. If you can think of anything else I should be aware of I'm open for all suggestions/comments. So far I love this little box of knobs and switches and I'm sure when I get it down to the point where I know what all of them do I'm gonna love it even more. I can hardly wait until I can run it mobile on HF and use it in my camper this summer. :)

73,

Dick

----- Original Message -----
From: John McClain
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 9:03 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Dick,
I feel the same as you and I would imagine that most of us on
this list would agree. The foil that you saw is Yaesu's mod for the
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for several months before sending it in.

John
K7SVV@...
----- Original Message -----

From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 8:42 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Maybe I'll be one of the lucky ones and not have any problems. The main problem I have is that you shouldn't have to send the radio in at all to have it fixed and running properly right from the start. There is no amount of excuses they can offer that will replace good quality control. It's like Windows operating system; they release it with known bugs, then when people complain they fix it. That sucks.

I took the cover off mine this morning and looked at it. The ground to the chasis is not a braided material. It looks like a copper colored foil. If I had known about all of the folks sending their units back to the factory and then getting them back as fixed and are now happy, I would have bought some other radio. As yet I have no problems, but I've only had it for a couple of days, so who knows what will happen. I just know one thing and that is that you should NOT have to send the radio in to Yaesu to have a mod made that should not even be needed in the first place and that they could fix when they manufacture the radio since it's a known problem on some radios.

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Dick

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:20 AM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

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> ----- Original Message -----
> From: n9cv
> To: FT100@y...
> Sent: Tuesday, March 26, 2002 10:28 PM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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# 13128. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 16:38:47 UTC
From: Dick Thompson
Topic: 13095  Message: 13128

Oops, meant to mention, John, that the serial number on mine starts with 1L28xxxx. What does that tell you?

Dick

----- Original Message -----
From: John McClain
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 9:03 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Dick,
I feel the same as you and I would imagine that most of us on this list would agree. The foil that you saw is Yaesu's mod for the problem, they do not use the braid. If you should detect the SWR problem in the next few weeks, don't worry about sending the rig to Yaesu for repair, return it to the dealer for replacement as I did. I purchased mine in mid December of last year and found that mine was a dud right out of the box. It had a 0D serial number which means that it had been manuafactured almost two years earlier. The dealer exchanged it for another 100 that had a serial number beginning with 1G. This second rig had Yaesu's SWR mod and is working OK. However, it does not have the fan mod so I installed the resistor to keep the fans spinning. I will be returning it to Yaesu while it is still under warranty to have Yaesu's fan mod installed but I want to use it for several months before sending it in.

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K7SVV@...
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Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

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OK, I'm off the soap box and now will get to learning how to use it and figure out all the features, of which there are many.

73,

Dick

----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:20 AM
Subject: [FT100] Re: ATAS-100 won't tune on 10m ?

They will update the FT-100 and fix it right. They just take their time about doing it. I had to send mine in when it was new also. Luckily it lasted through my 4 weeks mobile through Central and Western Canada and failed two days after I returned. If it fails this year while I am in BC, Alberta and the Yukon, I will be plenty mad. It has run fine since being repaired in last August. I run it mobile every day whenever the ignition switch is on in my car. I am convinced the fixes work and you should see no more problems after it
returns.

Ken - N9CV

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I guess I'm just a naive old fart, Ken. You'd think they'd do it right the first time and be done with it. I've owned a lot of Yaesu equipment over the years and haven't had a problem with any of them. I guess all I can do is keep my fingers crossed and hope for the best.
>
> 73,
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> Dick
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> ----- Original Message -----
> From: n9cv
> To: FT100@y...
> Sent: Tuesday, March 26, 2002 10:28 PM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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> It is cheaper for Yeasu this way. They only have to fix the
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> that are sent back under warrantee for free. If the PA quits
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> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13129. FT-100D Spurious Oscillation Repair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 17:57:33 UTC
From: backhoefade
Topic: 13095  Message: 13129

The copper adhesive tape is not the final mod that the repair center does to eliminate the spurious oscillation. That's the "mod" that the factory applied for a while, but often the problem will appear after the adhesive apparently loses some contact.

The proper, permanent, mod for the spurious oscillation is a solid metal strap which gets screwed into the horizontal rib and is also soldered in a couple spots. If you just have the copper tape "mod" it likely will only last a few months.

Second, you don't have the "VHF/UHF fan mod" unless the fans automatically turn on during long periods of receiving on VHF/UHF. The non-modded performance will see the fans only turning on when transmitting and for some number of seconds after completing a transmission.

There is an on-going, somewhat understandable, reluctance to admit that you have bought a new radio which actually in many cases requires two immediate "modifications" in order to function properly. I think part of the problem is "ego" since no one likes to admit they just shelled out $1000 for a rig they have to send to the repair center. Second, it's just a pain to let the rig go for the several weeks to get the mods done. In many instances you may be able to alleviate the spurious oscillation by using extensive external grounding but I will tell you from my personal experience that once the proper internal grounding is done I can run my FT-100D on 10 and 17 Meters on virtually any reasonably matched antenna in the house or in my car with absolutely no grounding other than the DC 12 Volt return line to the battery. I use a mag mount whip on 10 meters on the roof of my Honda with zero extra grounding with no hint of "SWR icon" spurious oscillation. I could never get away from the spurious oscillation (observed directly using a spectrum analyzer) until it was modded.

So, believe me, the rig has two flaws, but the "mods" (actually more appropriately called "final manufacturing steps") take care of both bugs very well. It's worth the trip to the repair center. You end up with the superior performer (relative to the 706) but you have to do the mods.

PS - to the guy who still thinks that the extra external grounding is mandatory for vertical antennas I say "of course it is!" but don't confuse that with the need to add grounding to eliminate a spurious oscillation that's due to an internal marginal design issue. A transmitter should never ever output high level spurious signals, regardless of presence or absence of extra external grounding. In

fact it shouldn't ever emit high level spurious signals no matter what arbitrary load you have it terminated in.

N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> OK, John, thanks. I somehow was under the impression that the braid was what was used when the mod had to be made.
>
> As for the fan, the fan in mine kicks in as soon as I key the mike, and sometimes will run a few seconds longer after I drop the carrier. Is that indicative of the fan mod? Also, the fans are not the quietest in the world (compared to my new FT-920), but it's not all that irritating.
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> I have a lot to learn about this rig. I have the 5 QMB slots programmed with 5 frequencies I use on 2 meters. I will be doing some preparation to install it in the mobile, today. I bought the Quick Release mobile bracket when I ordered the rig. I'm going to call Yaesu in Cerritos today to order a couple of power cord connectors. They are different than anything I've seen, but I like them. If you can think of anything else I should be aware of I'm open for all suggestions/comments. So far I love this little box of knobs and switches and I'm sure when I get it down to the point where I know what all of them do I'm gonna love it even more. I can hardly wait until I can run it mobile on HF and use it in my camper this summer. :)
>
> 73,
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> Dick
>
>
> ----- Original Message -----
> From: John McClain
> To: FT100@y...
> Sent: Wednesday, March 27, 2002 9:03 AM
> Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?
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> Dick,
> I feel the same as you and I would imagine that most of us on
> this list would agree. The foil that you saw is Yaesu's mod for the
> problem, they do not use the braid. If you should detect the SWR
> problem in the next few weeks, don't worry about sending the rig to
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> purchased mine in mid December of last year and found that mine

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> John
> K7SVV@A...
> ----- Original Message -----
> From: Dick Thompson
> To: FT100@y...
> Sent: Wednesday, March 27, 2002 8:42 AM
> Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?
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> From: n9cv
> To: FT100@y...
> Sent: Wednesday, March 27, 2002 3:20 AM
> Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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> > Subject: [FT100] Re: ATAS-100 won't tune on 10m ?
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> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...

> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> > [Non-text portions of this message have been removed]
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# 13130. Re: [FT100] Re: ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 17:56:02 UTC
From: John McClain
Topic: 13095  Message: 13130

Dick,
The 1L serial number indicates that yours was built in October
of 2001. Wow, that is the newest unit that I have seen mentioned
here on the list. You can tell if the fan mod is installed by
transmitting on HF long enough to heat it up, unkey and return to
receive where the fans will continue to spin because of the heat build
up. Now switch to VHF or UHF. If the fans stop while the unit is
still hot, you do not have the mod. You can also open up the rig and
compare it with the many pictures that can be found in either the
PICTURE area or BINARY area of this list at Yahoo.

John
K7SVV@...
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 9:36 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

OK, John, thanks. I somehow was under the impression that the braid
was what was used when the mod had to be made.

As for the fan, the fan in mine kicks in as soon as I key the mike,
and sometimes will run a few seconds longer after I drop the carrier.
Is that indicative of the fan mod? Also, the fans are not the
quietest in the world (compared to my new FT-920), but it's not all
that irritating.

I have a lot to learn about this rig. I have the 5 QMB slots
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preparation to install it in the mobile, today. I bought the Quick
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Sent: Wednesday, March 27, 2002 9:03 AM
Subject: Re: [FT100] Re: ATAS-100 won't tune on 10m ?

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>
> [Non-text portions of this message have been removed]

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# 13131. We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 18:56:16 UTC
From: backhoefade
Topic: 8946  Message: 13131

I don't know if this will provide any solace for those of us who suffered through the pain of the "SWR icon" bug in our FT-100Ds and are perhaps kicking ourselves for not buying the other rig. Read what I just found at the "other rig's" bulletin board!

---

I have the 706 MkII and have had similar problems - on 15 and 17 meters. It appears to be a high VSWR and an output without speaking into the mike or sending any characters on CW. If you hook up a dummy load things APPEAR OK, but they really are not... What I had was spurious output - around 45 watts on 23 MHz. (A dummy load doesn't care of course what the frequency is - but your antenna obviously isn't resonant there - hence the high VSWR). I chased a phantom antenna problem for quite awhile before realizing what was going on!

The solution I found was the same as Dave, G3VFP suggested. Remove the covers and tighten every screw you can see that hold the circuit boards and transistors in place. I actually loosened every one slightly and then tightened them down. I also made sure that the finger stock that touches the covers was clean and making good contact. Finally, when you put the covers back on, check every screw twice - sometimes tightening one will relax the tension on others.

---

Maybe we should follow the 706 owner's lead and tighten every screw you can access on the PC boards. (I know someone already suggested this for the FT-100D).

I'll bet a few of us suddenly feel a whole lot better. Although it seems to be much more rare on the 706 - it does happen with that design too, sometimes.

# 13132. Re: [FT100] We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 19:04:34 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 8946  Message: 13132

Common problem in the TS-120S. Cured most of the time by tightening the mounting screws on the RF board.

73, Jerry, K0CQ
--
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# 13133. Re: We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 19:14:18 UTC
From: backhoefade
Topic: 8946  Message: 13133

I know you previously posted some good discussion about semi-conductors. I was curious if you could shed some light on the possible mechanism here. Is this a matter of the final amp devices losing their solid ground and in some fashion this pushes them into an unstable region, via one or more of the S parameters getting shoved outside the stability circle?

--- In FT100@y..., "Dr. Gerald N. Johnson, electrical engineer" <geraldj@i...> wrote:
> Common problem in the TS-120S. Cured most of the time by tightening the
> mounting screws on the RF board.
>
> 73, Jerry, K0CQ
> --
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# 13134. Re: [FT100] We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 19:32:48 UTC
From: Einar Carlsen
Topic: 8946  Message: 13134

Ah! The problem is not new. I had a TS 130S and it oscillated on 40 meters when I tried it out on a mobile whip (Hustler). Contacted dealer and was advise to loosen and re-tighten the screws on the rf board etc. Behold. It worked! As I said the problem is not new. That was in 1981! Perhaps the problem is caused by oxidation on the aluminum alloy after some time in use. Just a thought.

Einar VE7BAQ

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 10:56 AM
Subject: [FT100] We are not alone

I don't know if this will provide any solace for those of us who
suffered through the pain of the "SWR icon" bug in our FT-100Ds
and are perhaps kicking ourselves for not buying the other rig.
Read what I just found at the "other rig's" bulletin board!

---

I have the 706 MkII and have had similar problems - on 15 and 17
meters. It appears to be a high VSWR and an output without speaking
into
the mike or sending any characters on CW. If you hook up a dummy load
things APPEAR OK, but they really are not... What I had was spurious
output - around 45 watts on 23 MHz. (A dummy load doesn't care of
course
what the frequency is - but your antenna obviously isn't resonant
there -
hence the high VSWR). I chased a phantom antenna problem for quite
awhile
before realizing what was going on!

The solution I found was the same as Dave, G3VFP suggested. Remove
the
covers and tighten every screw you can see that hold the circuit
boards and
transistors in place. I actually loosened every one slightly and then
tightened them down. I also made sure that the finger stock that
touches
the covers was clean and making good contact. Finally, when you put
the
covers back on, check every screw twice - sometimes tightening one
will
relax the tension on others.

---

Maybe we should follow the 706 owner's lead and tighten every screw you can access on the PC boards. (I know someone already suggested this for the FT-100D).

I'll bet a few of us suddenly feel a whole lot better. Although it seems to be much more rare on the 706 - it does happen with that design too, sometimes.

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# 13135. Re: [FT100] We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 19:33:11 UTC
From: Einar Carlsen
Topic: 8946  Message: 13135

Ah! The problem is not new. I had a TS 130S and it oscillated on 40 meters when I tried it out on a mobile whip (Hustler). Contacted dealer and was advise to loosen and re-tighten the screws on the rf board etc. Behold. It worked! As I said the problem is not new. That was in 1981! Perhaps the problem is caused by oxidation on the aluminum alloy after some time in use. Just a thought.

Einar VE7BAQ

----- Original Message -----
From: Dr. Gerald N. Johnson, electrical engineer
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 11:04 AM
Subject: Re: [FT100] We are not alone

Common problem in the TS-120S. Cured most of the time by tightening the
mounting screws on the RF board.

73, Jerry, K0CQ
--
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# 13136. New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 19:41:20 UTC
From: waltodc
Topic: 13136  Message: 13136

Hello All, I am considering the purchase of A FT-100D. Would you purchase another one if you had to do it over again?

Thanks, N5UF

# 13137. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 20:13:53 UTC
From: Einar Carlsen
Topic: 13136  Message: 13137

Yes!!!
Einar VE7BAQ
----- Original Message -----
From: waltodc
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 11:41 AM
Subject: [FT100] New FT-100D

Hello All, I am considering the purchase of A FT-100D. Would you
purchase another one if you had to do it over again?

Thanks, N5UF

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# 13138. Re: [FT100] Re: We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 20:17:03 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 8946  Message: 13138

There is a lot of gain in a small space. Stability depends on grounding the board to the frame in lots of places. Loosing a ground lets there be a stray ground current couple from output to input and there's oscilation at some frequency not determined by the drive. When that's above the cutoff frequency of the low pass filter (switched for practically each band) the oscillation passing through the PA sees a bad mismatch and that causes the collector voltage or current to rise excessivly and that destroys the transistor. It may be several stages in the gain loop of the spurious oscillator, it may be just the PA or the driver. Its most likely several stages because the gain is higher and since each stage inverts after two stages the output is in phase with the input for more effective oscillation. The phase angle of the feedback probably also depends on the effective impedance and phase angle of that impedance of the output low pass filter. If the harmonic filters terminated the harmonics in 50 ohms instead of a short (or open) the PA might not be destroyed by the parasitic oscillation. Might not even oscillate. But a complimentary filter like that would double the size of the low pass filter section of the radio.

Bill Sabine wrote an interesting article about that type of filter in QEX a year or so ago. Noticed that solid state PAs were more linear with the harmonics terminated in a 50 ohm load rather than a reactance. Makes sense, since the PA creates harmonics and if those aren't loaded they (whether current or voltage according to the termination reactance at the harmonics) modify the output voltage and current of the device and since its not linear they mix with the fundamental and modify it.

73, Jerry, K0CQ
--
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# 13139. Re: [FT100] We are not alone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 20:17:21 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 8946  Message: 13139

I've fixed several TS-120 by tightening the screws or telling the owner the tighten the RF board mounting screws. Lots of gain in a small space and the complete grounds of the board are dependent on their mounting. Its a common problem. I've also fixed several VHF FM radios remotely with the same suggestion.

I think its a combination of vibration loosening the screws and the insulating material of the board relaxing under pressure (the definition of "plastic"). I didn't get into mounting printed circuit boards at Collins, but before that era it was a standard rule that one never made a connection dependent on compressing an insulator. E.g. if we mounted a Jones barrier strip with the four screws, we couldn't use one of those (and that Bakelite is a lot harder than PC board material) to ground the cable shield. We had to use a separate screw directly to the chassis. I suppose Collins would have soldered a braid strap adjacent to each board mounting screw and then with a crimp lug solidly crimped to the braid have used a second screw to ground the braid. A superior technique would involve connecting ALL the board grounds to a grounded layer in the multilayer board so to make the grounding of the board critical only at its inputs and outputs and to use coax with a really good braid termination for all of those.

73, Jerry, K0CQ

--
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# 13140. Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 20:31:28 UTC
From: k6rcx
Topic: 13136  Message: 13140

-In few words - Yes -
It has a the SWR bug and it helps to have the fan mod, but then they work well. Read the list posts!
Erwin K6RCX

> Hello All, I am considering the purchase of A FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF

# 13141. Re: ATAS - no match on 40 -- UPDATE

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 20:55:18 UTC
From: w1pa
Topic: 12453  Message: 13141

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> My ATAS will hit consistantly on all other bands (including 30, 17,
> and 12), right down to one segment on the SWR meter, but will not
> tune on 40m (not even a dip). I tried a longer whip to no avail.
>
> Suggestions? Better grounding of the mount?
>
> Bill
> W1PA

This goes back to message 12453. I finally picked up a small Comet hatch lip mount, and moved the ATAS off the grounded luggage rack mount on my Subaru Legacy wagon (see my image in the installation folders and the reply included below)-- low-and-behold, 40 now tunes. Verified right up to 6m that the rest of the bands tune as well.

Not sure what is going on. I had a wide ground strap directly from the SO-239 base on the K550 luggage mount to a screw on the luggage rack, verified that the luggage rack is grounded to the car chasis, but to no avail. Might be some interaction between the luggage rack and the chassis (big capacitor effect?) --- don't know.

Looks like the ATAS wants to be as close to the flat sheet of metal as possible. I'm not completely confident with the smaller Comet mount (I can't use the full size lip mount because there isn't enough metal above the hatch window before the line of the door curves to the top, and the top edge is out because the it drops down when the hatch is lifted). We'll see. I take my ATAS on and off a lot, so I can at least be aware of when it might start to loosen.

Avoid those luggage racks.

Bill
W1PA

Original reply:

I was helping another ham install his FT100D and ATAS on a Dodge truck last weekend, and finally had the time to put an analyzer on my ATAS, which has never loaded on 40m. I manually ran the ATAS all the way out, disconnected the pigtail, and put the analyzer on it. It was resonant at 6.80 Mhz (so it's not a whip length issue), but with an impedance above 50 ohm, almost 150 for a SWR of close to 3:1.

We tried his ATAS with the same result. I have mine installed on my luggage rack with a K550 mount and a ground strap to the rack, and I

have confirmed that the rack is grounded to the chassis.

See: http://groups.yahoo.com/group/FT100/files/Mobile%
20Installations/W1PA/K550_closeup.JPG

His is installed on his hood, with a K400 clipped to the edge. His loads on 40m, not great, but it does.

Any antenna gurus think, based on these results and the impedence numbers, that I might be better off with a K400 mounted on my hatch door lip of the Subaru wagon versus the rack? My ATAS works and loads very well on _all_ other bands other than 40m... including WARC.

Bill
W1PA

# 13142. Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 21:38:47 UTC
From: john_k2gvp
Topic: 13103  Message: 13142

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors like
> those that are on the FT-100D? I called HRO and they don't sell > wb0dul

Dick: Here is my solution to the special connectors used on transceivers. I use the plug set that comes with the rigs and then I use Radio Shack Heavy Duty connectors 274-151 and 274-154 20 amp connectors at $0.99 each. They are availabe at any Radio Shack all over the place and don't cost an arm and a leg. I use these connectors as standard for all my high current 12V rigs.
73's, John K2GVP

# 13143. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 22:47:51 UTC
From: Dick Thompson
Topic: 13136  Message: 13143

I just got mine on Monday evening.. There are a bunch of comments on this reflector that talk about a couple of modifications. Some have had to have them done, others haven't. Even though I've only had mine for a couple of days, I think I could safely say that I'd buy it over the 706 MKII. It is a nice radio and I've owned a lot of Yaesu equipment over the past 40 years of being a ham. So, to answer your question, yes, I'd buy another one despite the minor flaws it may ot may not have.

73,

Dick
wb0dul

----- Original Message -----
From: waltodc
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 12:41 PM
Subject: [FT100] New FT-100D

Hello All, I am considering the purchase of A FT-100D. Would you
purchase another one if you had to do it over again?

Thanks, N5UF

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# 13144. Re: [FT100] Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 22:52:45 UTC
From: frankweiss@aol.com
Topic: 13136  Message: 13144

From what all you guys have told us (thanks!), the FT-100D needs an SWR mod and a fan mod. So how do we protect ourselves when we buy a new one now? Demand that the dealer get this done before we plunk down a thousand bucks? Buy it direct from Yaesu (is that possible?) and demand that the mods be made first? Or buy it anyway and hope a lot, or what?

Thanks !!

Frank K6FCW

# 13145. Re: [FT100] Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 23:09:26 UTC
From: Dick Thompson
Topic: 13103  Message: 13145

Thanks, John. I ordered a set of connectors from Yaesu this afternoon. I tried Radio Shack and they didn't have anything. I wish I had seen your message before I wandered out on a local quest for them. All they had at the RS store were the light weight Molex connectors.

Thanks,

Dick
wb0dul

----- Original Message -----
From: john_k2gvp
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 2:38 PM
Subject: [FT100] Re: Power cord connectors for FT-100D

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors
like
> those that are on the FT-100D? I called HRO and they don't sell >
wb0dul

Dick: Here is my solution to the special connectors used on
transceivers. I use the plug set that comes with the rigs and then I
use Radio Shack Heavy Duty connectors 274-151 and 274-154 20 amp
connectors at $0.99 each. They are availabe at any Radio Shack all
over the place and don't cost an arm and a leg. I use these
connectors as standard for all my high current 12V rigs.
73's, John K2GVP

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# 13146. Re: [FT100] Re: Power cord connectors for FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 23:15:52 UTC
From: Dick Thompson
Topic: 13103  Message: 13146

Well, I called Yaesu in Ceritos this afternoon. The male plug was $4.25 and the female was $2.52. Shipping was $4.00. He said he'd try to get them out today. He couldn't supply me with a part number for the fuse holder and said they may no be available as a part that someone can order. I told him if he found out they "can" be ordered to go ahead and add them to my card and order and ship them. Won't know unless he e-mails ne or I get them..

Dick
wb0dul

----- Original Message -----
From: k6rcx
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 1:39 PM
Subject: [FT100] Re: Power cord connectors for FT-100D

Yaesu sells the bare plugs, for the cable or radio end, for $4.30
each.
Best price i've seen for them. I got got them from the Ceritos office.
Erwin

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> Does anyone know where I can get a set of power cord connectors
like
> those that are on the FT-100D? I called HRO and they don't sell
just
> the connectors. All they have is the complete power cord that
mates
> with the pigtail coming out of the FT-100D. He said there is only
> one in the entire company and they are asking $33.00 for it. (He
> said he thinks it may be gold plated. Hi Hi). He suggested
checking
> with you guys as maybe someone has found a set and didn't have to
pay
> an arm and a leg to get them. The other alternative is to change
the
> connectors to something more readily available. All I want to do
is
> put a connector on the end of the wire I currently have coming from
> my truck battery.
>
> Hope someone can help.
>
> 73,
>
> Dick
> wb0dul

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[Non-text portions of this message have been removed]

# 13147. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 00:10:48 UTC
From: Dale G. Brown
Topic: 13136  Message: 13147

I did!.....Dale KC2PZ

waltodc wrote:

> Hello All, I am considering the purchase of A FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF
>
>
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# 13148. SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 00:51:05 UTC
From: larry cook
Topic: 13148  Message: 13148

Brother Hams,

I am new to the group and the hair is beginning to stand up on the back of my neck. I've had my FT100D for around 11 months. It is mostly used mobil in my Ford Explorer on 2m/70cm. I have used it on HF while traveling with no problems. HOWEVER, just lately I purchased a new laptop with the intent of doing some PSK31 and RTTY. When I brought the rig into the shack and hooked it up to my MFJ Deluxe Versa Turner II, I discovered I can NOT get it to tune on any HF band using a G5RV antenna. Operates just fine on VHF. The shack is well grounded as well as the radio, tuner and power supply.

This grounding problem you are discussing, Sense I missed the original thread, could someone bring me up the speed.

Many thanks

Larry/N4JMX

---
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[Non-text portions of this message have been removed]

# 13149. Re: ft100 software - new version

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 00:57:54 UTC
From: w6zip
Topic: 13124  Message: 13149

Is this a control software or programing software???
Thanks for the bandwidth
John W6ZIP

# 13150. Re: SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 02:00:50 UTC
From: backhoefade
Topic: 13148  Message: 13150

Even though you said that it worked fine mobile on HF I would guess that you didn't try it on 24 or 28 MHz HF. The fact that it won't tune on any HF band with that combination of tuner and G5RV tells me that it's highly likely that you need the "SWR mod". I use my modded FT-100D on all HF bands with a G5RV and an MFJ tuner without a hint of trouble! If you have access to a spectrum analyzer or a receiver that can tune around 13.65 MHz you can check for the spurious oscillation that results in the SWR icon popping up when you wouldn't expect it. If you see it (or hear it) then you need the mod. The other possibility in your case is that you've just got something fundamentally wrong with your feedline, etc., but I'm sure you already checked all that out. Once you mod the rig it will run just super on any band.
N6AF Chas

--- In FT100@y..., larry cook <n4jmx@y...> wrote:
>
> Brother Hams,
>
> I am new to the group and the hair is beginning to stand up on the back of my neck. I've had my FT100D for around 11 months. It is mostly used mobil in my Ford Explorer on 2m/70cm. I have used it on HF while traveling with no problems. HOWEVER, just lately I purchased a new laptop with the intent of doing some PSK31 and RTTY. When I brought the rig into the shack and hooked it up to my MFJ Deluxe Versa Turner II, I discovered I can NOT get it to tune on any HF band using a G5RV antenna. Operates just fine on VHF. The shack is well grounded as well as the radio, tuner and power supply.
>
> This grounding problem you are discussing, Sense I missed the original thread, could someone bring me up the speed.
>
> Many thanks
>
>
>
> Larry/N4JMX
>
>
>
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>
> [Non-text portions of this message have been removed]

# 13151. First impresssions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 02:43:50 UTC
From: Ron Murdock
Topic: 13151  Message: 13151

Greetings from Yuba City.
Thought someone might benefit from my brief experience with the FT-100D and ATAS-100.
I purchased the separation kit, the radio, and the antenna and they all work as advertised.
I also got the remote mounting bracket for the control head, but couldn't find a way to use it.
My car is a 2002 Chrysler Town and Country. I can move the front console to the rear passenger
area but didn't need to. I mounted the radio in the alternate console mounting area. This is a
good compromise in my situation to having the body of the radio within reach (don't need it within reach)
or having it completely out of sight in the cargo area.
I have two antennas, the ATAS and a mag mount dual bander Uhf/Vhf. No single antenna operation is
planned but I checked the operation on the ATAS on 2m and 440 and it worked just fine.
My ATAS is mounted on a 12"by 28" 1/8" thick piece of stainless steel. The roof rack allows me to quickly remove
the entire antenna, the entire mount, or leave it in place. I grounded both sides of the steel plate to rack screws holding
the rack to the roof. Each ground is a simple push on-pull off power pole connector.
This radio was produced in July, 2001, according to the serial number.
The control head mounting took the most time, aside from finding stainless steel for the roof mount. I finally put the control head mounting attachment at the top of the air outlet assembly in front of the center console. This is just above the level of the dash and will be invisible from outside the car. I chose to put in a dash mat and matching fabric piece to cover the control head, keep it out of the direct sunlight, as well as out of sight. This method has worked in another van using the IC-706 and a screwdriver antenna for the past 7 years.
Grounding the radio was simple. The mid seat position for the movable console is covered by a fitted rubber mat. Under the mat is a connector for the power connections for the console and chassis mounting screws. I lifted one just enough to put the ground luck under it, and tightened it back down. Of course the mobile mounting bracket is grounded to this point and thus the radio.
Several hour long trips have shown the value of the dsp features. I've had contacts on 10, 15, 20, and 40 meters. Lots of repeater work on 2m and 440 to as well as simplex. While I usually call people I can hear, several people have been able to hear me that I would not have called due to initial signal strength. The dsp allows enough latitude in tuning to get these signals in clearly.
I am completely happy with the radio/antenna combination.
73, Ron, W6KJ

[Non-text portions of this message have been removed]

# 13152. Hello and my first question!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:08:14 UTC
From: artmiv
Topic: 13152  Message: 13152

Hey guys, just picked up a FT-100 (serial prefix 8G) and a

ATAS-100 antenna. Everything seems to work OK except I can't

get the antenna to manually tune VIA the UP/DOWN buttons on

the MIC. (MH-36b mic) I have MENU # 61 set atas-1 and read

the owners manual on the subject but no luck.

Thanx for any info .....ART KE6MIV

# 13153. Re: [FT100] First impresssions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:10:45 UTC
From: Dick Thompson
Topic: 13151  Message: 13153

Thanks for the information, Ron. It's good to know that there are those out there that haven't had any problems. I hope I'm as lucky as you. So far I've really had fun with the 100D. But eventually it will go into my pickup truck and I hope to add the ATAS antenna in a few months. Until then I'll use the Hamsticks that served me so well until I added a Hustler 4BTV Vertical.

73,

Dick
wb0dul

----- Original Message -----
From: Ron Murdock
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 7:43 PM
Subject: [FT100] First impresssions

Greetings from Yuba City.
Thought someone might benefit from my brief experience with the FT-100D and ATAS-100.
I purchased the separation kit, the radio, and the antenna and they all work as advertised.
I also got the remote mounting bracket for the control head, but couldn't find a way to use it.
My car is a 2002 Chrysler Town and Country. I can move the front console to the rear passenger
area but didn't need to. I mounted the radio in the alternate console mounting area. This is a
good compromise in my situation to having the body of the radio within reach (don't need it within reach)
or having it completely out of sight in the cargo area.
I have two antennas, the ATAS and a mag mount dual bander Uhf/Vhf. No single antenna operation is
planned but I checked the operation on the ATAS on 2m and 440 and it worked just fine.
My ATAS is mounted on a 12"by 28" 1/8" thick piece of stainless steel. The roof rack allows me to quickly remove
the entire antenna, the entire mount, or leave it in place. I grounded both sides of the steel plate to rack screws holding
the rack to the roof. Each ground is a simple push on-pull off power pole connector.
This radio was produced in July, 2001, according to the serial number.
The control head mounting took the most time, aside from finding stainless steel for the roof mount. I finally put the control head mounting attachment at the top of the air outlet assembly in front of the center console. This is just above the level of the dash and will be invisible from outside the car. I chose to put in a dash mat and matching fabric piece to cover the control head, keep it out of the direct sunlight, as well as out of sight. This method has worked in another van using the IC-706 and a screwdriver antenna for the past 7 years.
Grounding the radio was simple. The mid seat position for the movable console is covered by

a fitted rubber mat. Under the mat is a connector for the power connections for the console and chassis mounting screws. I lifted one just enough to put the ground luck under it, and tightened it back down. Of course the mobile mounting bracket is grounded to this point and thus the radio.
Several hour long trips have shown the value of the dsp features. I've had contacts on 10, 15, 20, and 40 meters. Lots of repeater work on 2m and 440 to as well as simplex. While I usually call people I can hear, several people have been able to hear me that I would not have called due to initial signal strength. The dsp allows enough latitude in tuning to get these signals in clearly.
I am completely happy with the radio/antenna combination.
73, Ron, W6KJ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13154. Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 05:15:15 UTC
From: The Scholtz's
Topic: 13154  Message: 13154

I posted on this subject before, I mentioned that it didn't make much sense to do the "SWR Mod." to me, because all you are doing is grounding that circuit to the same metal case it is already mounted to!
I had found all of the screws loose inside my radio, EVERY one, from the board mounts to the final heat sink mounts. As an electronics repair person, I KNOW this is a serious problem waiting to happen. I posted my findings and observations, I got flamed by the professor, who I guess disassembles EVERY thing he buys to check for design flaws before the first power up. And he was cheered on by the former AOL chatroom flaming expert. (I would have included a quote from that post, but his typed E-mail is copyrighted I guess).
Never the less, the SWR Mod is a simple mod, and I did it anyway. (sometimes putting on the Band-Aid first will prevent the cut!) I don't plan on using this rig for VHF/UHF, but I did the fan mod as well, it is also very easy. I spent 30 minutes, and about 35 cents doing these mods. They certainly dont hurt anything and not a big deal even if I don't think it is a solution. I think it is at best a "band aid" for a different problem.
To those who are being scared off of the FT100D, let me say this, it is a fantastic radio, the 706 is a transistor radio compared to the FT100D. I have it in a 2000 Silverado, the ATAS 100 is mounted on a simple "L" bracket to one box side. VERY WELL GROUNDED! and I am in AWE of what this setup does. I have NO problem working DX mobile, I busted the VP6DI pileup on 15, XR0X on 10 & 20, and have made dozens of contacts throughout Europe and Asia. It seems as easy as doing it with my IC746 and 4 element beam at home! There is even less noise on the mobile rig than on my base rig at home!
I think a lot of the problems here are caused by user error, as well as the loose screws left by the factory.
But look at some of these posts! ground straps here, ground straps there.... how long did these units get used before these users found out they had poor installs! secondly, I saw a post where a man couldn't figure out why the FT100D shut off when he disconnected the coax from his antenna! And if you have been reading these posts for awhile, you should notice that most of the problems discussed here are from the same dozen or so owners. AND, how many dumb questions have you seen posted about simple functions, APO, VOX break-in and Full break-in, can't manually input frequency from the DTMF pad, Duty cycles, the "little circle with the swr icon"..... the list is LONG. All because they hook up the radio and start QSOing and don't read the manual, I don't mean this as an attack on anyone, but these same people will be posting about their "Failures" in the near future. I have no doubt that there are some very smart people that contribute to this forum, but most of these geniuses aren't smart enough to CUT AND PASTE portions of the messages they respond to, giving all of us the opportunity to re-read every post six or seven times a day. I love my FT100d and ATAS100, if you are still on the fence about buying one, jump off and go for it... buy it, install it, use it, love it!
I'm sure this post will get the neighborhood chat room dropout Flamers going. So I will stay in this group to read the witty responses a few more days before I unsubscribe!

Thanks to all that gave honest opinions, with out the flame jobs, when the questions were asked and observations were made. good luck to all you future FT100D owners! you wont be sorry you bought this radio.

Jeff Scholtz
KCØJAO

[Non-text portions of this message have been removed]

# 13155. Re: [FT100] Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:16:05 UTC
From: Dick Thompson
Topic: 13136  Message: 13155

Frank, I don't think the mods that are mentioned are a big deal. I kind of feel that the number of rigs that have had to be sent to Yaesu for the mods is in the minority, compared to the number of these little rigs being sold.

If you can get a dealer to send one in and have the mods done, more power to you. I think you may have a problem getting one to do that. Same-o same-o on Yaesu. Plus, I don't think you can buy direct from Yaesu.

But the radio and enjoy it. So far mine has been flawless. I'll cross the bridge with the problems if and when I happen to get to it.

73,

Dick
wb0dul

----- Original Message -----
From: frankweiss@...
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:52 PM
Subject: Re: [FT100] Re: New FT-100D

>From what all you guys have told us (thanks!), the FT-100D needs an SWR mod
and a fan mod. So how do we protect ourselves when we buy a new one now?
Demand that the dealer get this done before we plunk down a thousand bucks?
Buy it direct from Yaesu (is that possible?) and demand that the mods be made
first? Or buy it anyway and hope a lot, or what?

Thanks !!

Frank K6FCW

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# 13156. Re: [FT100] Hello and my first question!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:31:42 UTC
From: Pres Waterman
Topic: 13152  Message: 13156

> 
> Hey guys, just picked up a FT-100 (serial prefix 8G) and a
> 
> ATAS-100 antenna. Everything seems to work OK except I can't

Welcome! Now go directly to the FAQ listed at the bottom of the message!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13157. Re: [FT100] Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:39:29 UTC
From: Dick Thompson
Topic: 13154  Message: 13157

Interesting comments, Jeff.

I've come to the conclusion that there isn't one single perfect radio. I agree with everything you said and as soon as I get a chance I'm going to check the screws.

One question: Where did you find the info to do the mods? They both sound so simple I'm beginning to wonder if all they are doing is madding a fan and changing a ground, why send it in?

73,

Dick
wb0dul

PS: How did you get that slash thru the 0 in your call?

----- Original Message -----
From: The Scholtz's
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 10:15 PM
Subject: [FT100] Grounding,Grounding,Grounding

I posted on this subject before, I mentioned that it didn't make much sense to do the "SWR Mod." to me, because all you are doing is grounding that circuit to the same metal case it is already mounted to!
I had found all of the screws loose inside my radio, EVERY one, from the board mounts to the final heat sink mounts. As an electronics repair person, I KNOW this is a serious problem waiting to happen. I posted my findings and observations, I got flamed by the professor, who I guess disassembles EVERY thing he buys to check for design flaws before the first power up. And he was cheered on by the former AOL chatroom flaming expert. (I would have included a quote from that post, but his typed E-mail is copyrighted I guess). Never the less, the SWR Mod is a simple mod, and I did it anyway. (sometimes putting on the Band-Aid first will prevent the cut!) I don't plan on using this rig for VHF/UHF, but I did the fan mod as well, it is also very easy. I spent 30 minutes, and about 35 cents doing these mods. They certainly dont hurt anything and not a big deal even if I don't think it is a solution. I think it is at best a "band aid" for a different problem.
To those who are being scared off of the FT100D, let me say this, it is a fantastic radio, the 706 is a transistor radio compared to the FT100D. I have it in a 2000 Silverado, the ATAS 100 is mounted on a simple "L" bracket to one box side. VERY WELL GROUNDED! and I am in AWE of what this setup does. I have NO problem working DX mobile, I busted the VP6DI pileup on 15, XR0X on 10 & 20, and have made dozens of contacts throughout Europe and Asia. It seems as easy as doing it with my IC746 and 4 element beam at home! There is even less noise on the mobile rig than on my base rig at home!
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But look at some of these posts! ground straps here, ground straps there.... how long did these units get used before these users found out they had poor installs! secondly, I saw a

post where a man couldn't figure out why the FT100D shut off when he disconnected the coax from his antenna! And if you have been reading these posts for awhile, you should notice that most of the problems discussed here are from the same dozen or so owners. AND, how many dumb questions have you seen posted about simple functions, APO, VOX break-in and Full break-in, can't manually input frequency from the DTMF pad, Duty cycles, the "little circle with the swr icon"..... the list is LONG. All because they hook up the radio and start QSOing and don't read the manual, I don't mean this as an attack on anyone, but these same people will be posting about their "Failures" in the near future. I have no doubt that there are some very smart people that contribute to this forum, but most of these geniuses aren't smart enough to CUT AND PASTE portions of the messages they respond to, giving all of us the opportunity to re-read every post six or seven times a day. I love my FT100d and ATAS100, if you are still on the fence about buying one, jump off and go for it... buy it, install it, use it, love it!
I'm sure this post will get the neighborhood chat room dropout Flamers going. So I will stay in this group to read the witty responses a few more days before I unsubscribe!

Thanks to all that gave honest opinions, with out the flame jobs, when the questions were asked and observations were made. good luck to all you future FT100D owners! you wont be sorry you bought this radio.

Jeff Scholtz
KCØJAO

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[Non-text portions of this message have been removed]

# 13158. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:43:51 UTC
From: John McClain
Topic: 13136  Message: 13158

After what I have been through? No way.

John
K7SVV@...
----- Original Message -----
From: waltodc
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 12:41 PM
Subject: [FT100] New FT-100D

Hello All, I am considering the purchase of A FT-100D. Would you
purchase another one if you had to do it over again?

Thanks, N5UF

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# 13159. Re: [FT100] Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:46:10 UTC
From: David F. Morse
Topic: 13154  Message: 13159

---

Good show Jeff; as I've said before, RF grounding (inside & out) is
the key to getting the most out of this rig.
David in Denver
k0dar
//////////////////

snip.....
>
>I think a lot of the problems here are caused by user error, as well
>as the loose screws left by the factory.
>But look at some of these posts! ground straps here, ground straps
>there.... how long did these units get used before these users found
>out they had poor installs!

--

# 13160. IS THERE A FOLD OVER MOUNT FOR ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:47:28 UTC
From: n4ktz
Topic: 13160  Message: 13160

I WOULD LIKE TO MOUNT MY ATAS-100 ON MY GMC YUKON HIGHER THAN I HAVE IT ON MY REAR HATCH SO IT WORKS BETTER, HOWEVER WOULD LIKE TO BE ABLE TO USE SOME SORT OF EASY FOLD OVER SYSTEM TO BE ABLE TO GET INTO AND OUT OF MY GARAGE. I AM USING A K400 CURRENTLY. DOES ANYONE KNOW OF ANYTHING I CAN USE OR MAKE.
THANKS,
STEVEN
N4KTZ

# 13161. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 03:47:35 UTC
From: Pres Waterman
Topic: 13136  Message: 13161

> After what I have been through? No way.

OK, I'll see your "no way" and raise you a "I have bought THREE" ( and sold
2 just because who needs 3? )

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13162. Re: [FT100] Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 04:02:49 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 13154  Message: 13162

Look at K0LEE's FAQ as posted below. It has detailed pictures of the mods.

73, Jerry, K0CQ
--
Entire content copyright Dr. Gerald N. Johnson. Reproduction by permission only.

# 13163. Questions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 04:05:39 UTC
From: Alek Petkovic
Topic: 13154  Message: 13163

For anybody with questions,

At the bottom of each and every email you have ever and will ever receive from this reflector there is a link

It is http://www.k0lee.com/ft100faq.html

Click on it and you'll find the answer to every question that has been asked here in the last year or two. It's obvious, by the number of rehashed questions here in recent times, that people have not read the information available.

Read it all and then if there are any new questions, by all means put them forward.

73 and happy ft100ing,
Alek. VK6APK

At 08:39 PM 27-03-02 -0700, you wrote:
>Interesting comments, Jeff.
>
>I've come to the conclusion that there isn't one single perfect radio. I
>agree with everything you said and as soon as I get a chance I'm going to
>check the screws.
>
>One question: Where did you find the info to do the mods? They both
>sound so simple I'm beginning to wonder if all they are doing is madding a
>fan and changing a ground, why send it in?
>
>73,
>
>Dick
>wb0dul
>
>PS: How did you get that slash thru the 0 in your call?

[Non-text portions of this message have been removed]

# 13164. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 04:09:59 UTC
From: Alek Petkovic
Topic: 13136  Message: 13164

If I had a use for a hundred of 'em, I'd buy a hundred. It's a bloody good
little wireless mate.

Happy ft100ing,
Alek. VK6APK

At 10:47 PM 27-03-02 -0500, you wrote:

> > After what I have been through? No way.
>
>
>OK, I'll see your "no way" and raise you a "I have bought THREE" ( and sold
>2 just because who needs 3? )
>
>Thanks
>
>Pres Waterman, W2PW
>c/o 112 Motors, LLC
>Long Island Ford, Kia and Used Dealer
>
>GO BILLS!
>
>
>
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>
>We are all a part of this Lets make it as good as possible.
>
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# 13165. Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 04:46:39 UTC
From: waltodc
Topic: 13136  Message: 13165

Thanks for all the great comments. I will purchase one this week and
let everyone know how I do. Keep up the good work.
>73, N5UF

# 13166. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 06:34:05 UTC
From: John Spiceman
Topic: 13095  Message: 13166

Dick,
You are right. I hook it to one of the side screw
holes using a metric screw that has washers.

John

--- Dick Thompson <wb0dul@...> wrote:
> John,
>
> I may be missing something here, but where, on the
> back of the FT-100D do you connect a ground? It's
> one of the first rigs I've ever seen that didn't
> have a ground lug on the rear of it.
>
> Dick
> wb0dul
>
>
> ----- Original Message -----
> From: "John Spiceman" <jrmorris28@...>
> To: <FT100@yahoogroups.com>
> Sent: Tuesday, March 26, 2002 9:38 AM
> Subject: Re: [FT100] ATAS-100 won't tune on 10m ?
>
>
> > Scott,
> > Grounding, of course is essential, at the radio.
> Its
> > also essential to get all the car metal tied
> together
> > to form one ground.
> >
> > I use an MFJ mag mount on the trunk of my 99
> > Bonneville and it works ALL bands beautifully.
> What
> > WAS critical was the coax length from the mount to
> the
> > radio.
> >
> > I added about 8 ft of coax to the MFJ 17ft in
> order to
> > get a ground at the antenna. That messed
> everything
> > up. Could no longer load on 15,17 mtrs or 24 mtrs.
> I

> > surmised from that that the 17ft was critical.
> Went
> > back to 17ft and everything worked again. Coax
> length
> > is very important. I know 17ft works with the
> ATAS.
> >
> > John - WB0RLD
> >
> >
> > --- Scott Willis <himark151@...> wrote:
> > >
> > > I know you guys will have an answer for this...
> >
> > > but I just installed my FT100D and ATAS-100, and
> I
> > > can't get it to tune on 10 meters. I try it in
> > > automatic TUN, or try it manually, and it won't
> tune
> > > on 10 AT ALL!!!! Any ideas?
> > > Thanks in advance,
> > > Scott
> > > KD7EKO
> > >
> > >
> > >
> > > ---------------------------------
> > > Do You Yahoo!?
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> Awards?
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> > > [Non-text portions of this message have been
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> > >
> > > We are all a part of this Lets make it as good
> as
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# 13167. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 07:45:15 UTC
From: John Spiceman
Topic: 13095  Message: 13167

I think we are talking about two things here.
1) the actual SWR problem that a trip to Cerritos
cures
This can be tested by the open mic routine as has been
suggested.

2) An antenna feedline/ground/groundplane inbalance

As far as the feedline not making any difference, I
always thought that was only true with open wire
balanced feedline. You can use a 1/4 mile of that
stuff with no ill effects because it has the effect of
putting the transmitter right at the antenna.
The only way an unbalanced line like coax will react
the same is if it is cut in exact wavelength multiples
of the frequency you are transmitting on, and that
involves using velocity factors et al for the
particular coax. Who wants to stay on the same
frequency all the time anyway. So unless you do, the
cut coax length will always have something to do with
the SWR.

As for the ground system, I have just installed a
ground mounted vertical for the first time in my ham
experience. It said in the directions to not be fooled
by mere low SWR readings with no or only a few ground
radials. It just won't radiate RF but instead be
absorbed into the ground. The more metal surface area
under that vertical element, the better. I.E. why you
want to have all the car metal hooked together to
provide the largest metal area you can.

After reading Scott's original post again, is it
possible that 10 mtrs was the second band he tried out
of the box and the one the ATAS left Yaesu tuned to
was the first he tried. Ya sure that ATAS2 was
activated in the MENUs before the TUNE button was
pushed? Just a thought ...

John - WB0RLD

--- John Shalamskas <john@...> wrote:
> You should not have to fiddle with the feedline in
> order to get a good
> SWR. Most likely you are getting the dreaded
> spurious oscillation problem

> that will kill your final amplifier if you let it go
> on long enough. Try
> keying up on 10M SSB without any audio input to the
> microphone. Does the
> meter show any RF output? If it does, you've
> probably got the oscillation
> problem, and will need to send the radio to Yaesu
> for the grounding mod.
> In my case I'd get 80 watts of RF out, despite
> having no input audio on
> SSB and the HI SWR icon being lit. The RF foldback
> circuitry is supposed
> to clamp the power to 10 watts at high SWR, but the
> spurious oscillation
> was occuring beyond the point where the foldback
> circuitry has control of
> power output.
>
> By the way, I just got my FT100 back (for the second
> time) after the "Hi
> SWR" / spurious oscillation mod, and it appears to
> be working great on all
> bands. Time will tell if the mod really worked -
> last time it worked a
> few weeks and then gradually got worse, occurring on
> more bands as time
> passed.
>
> John KJ9U
>
>
> On Tue, 26 Mar 2002, John Spiceman wrote:
>
> > Scott,
> > Grounding, of course is essential, at the radio.
> Its
> > also essential to get all the car metal tied
> together
> > to form one ground.
> >
> > I use an MFJ mag mount on the trunk of my 99
> > Bonneville and it works ALL bands beautifully.
> What
> > WAS critical was the coax length from the mount to
> the
> > radio.
> >
> > I added about 8 ft of coax to the MFJ 17ft in
> order to
> > get a ground at the antenna. That messed

> everything
> > up. Could no longer load on 15,17 mtrs or 24 mtrs.
> I
> > surmised from that that the 17ft was critical.
> Went
> > back to 17ft and everything worked again. Coax
> length
> > is very important. I know 17ft works with the
> ATAS.
> >
> > John - WB0RLD
> >
> >
> > --- Scott Willis <himark151@...> wrote:
> > >
> > > I know you guys will have an answer for this...
> > > but I just installed my FT100D and ATAS-100, and
> I
> > > can't get it to tune on 10 meters. I try it in
> > > automatic TUN, or try it manually, and it won't
> tune
> > > on 10 AT ALL!!!! Any ideas?
> > > Thanks in advance,
> > > Scott
> > > KD7EKO
>
>

---------------------------------------------------
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http://movies.yahoo.com/

# 13168. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 08:44:04 UTC
From: The Simpsons
Topic: 13136  Message: 13168

Yes, definitely.
I have had no problems with mine, in 50,000km (about 30,000 miles) in two 4 wheel drive vehicles. I have done the SWR mod and added the resistor to the fans for the VHF/UHF heating problem. My FT100 ran cool on receive on VHF/UHF anyway, but the extra cooling won't do any harm. I use mine on all HF and VHF/UHF bands. The only band I haven't had a contact on is 160 metres. I only use the radio while mobile.

Grant, ZL2BK.

----- Original Message -----
From: "waltodc" <dwaltond@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 7:41 AM
Subject: [FT100] New FT-100D

> Hello All, I am considering the purchase of A FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF

# 13169. Re: [FT100] Re: ft100 software - new version

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 11:02:52 UTC
From: A V Flinsch
Topic: 13124  Message: 13169

On Wednesday 27 March 2002 19:57, you wrote:
> Is this a control software or programing software???
> Thanks for the bandwidth
> John W6ZIP

I guess that I should have been more specific in the announcement, it is control software. There is a gui front end and command line version for linux, and a command line only version for windows.

--
Alex
KC2IVL
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
6:00am up 5 days, 14:53, 2 users, load average: 0.25, 0.22, 0.11

# 13170. RE: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 14:24:59 UTC
From: Eric van de Weyer
Topic: 13136  Message: 13170

If I had the money I'd purchase one or two more.

Did the two mods myself, no problems.

It is a beautiful rig. I love it. Even better now that I've got the ATAS-100 antenna as well.

73....Eric VK2KUR
-----Original Message-----
From: waltodc [mailto:dwaltond@...]
Sent: Thursday, 28 March 2002 6:41 AM
To: FT100@yahoogroups.com
Subject: [FT100] New FT-100D

Hello All, I am considering the purchase of A FT-100D. Would you purchase another one if you had to do it over again?

Thanks, N5UF

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[Non-text portions of this message have been removed]

# 13171. Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 14:53:51 UTC
From: w1pa
Topic: 13171  Message: 13171

Is there a "rule-of-thumb" for which antennas need a ground plane and which do not (i.e. can be used on a mag mount or a non-grounded luggage mount)?

As I skim the HRO catalog, is it anything with an odd multiple of a 1/4 wave needs the plane, and the even 1/4 wave multiples (i.e. 1/2) as well as 5/8 and 7/8 don't?

HRO puts some notes on the Diamond list, but not on the Comet.
Looking for a good dual-band match for my 100D on the luggage rack.

Bill
W1PA

# 13172. Re: [FT100] Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 15:14:01 UTC
From: David Kiwerski
Topic: 13154  Message: 13172

HEAR!! HEAR!! I totally agree with what you're saying!
I was just thinking the same as I was reading the posts this
morning. Bottom line - RTFM - before the questions are
asked. Good grounding is a MUST in ANY installation,
especially mobiles.

Dave WP2AAT

The Scholtz's wrote:
>
> I posted on this subject before, I mentioned that it didn't make much sense to do the "SWR Mod." to me, because all you are doing is grounding that circuit to the same metal case it is already mounted to!
> I had found all of the screws loose inside my radio, EVERY one, from the board mounts to the final heat sink mounts. As an electronics repair person, I KNOW this is a serious problem waiting to happen. I posted my findings and observations, I got flamed by the professor, who I guess disassembles EVERY thing he buys to check for design flaws before the first power up. And he was cheered on by the former AOL chatroom flaming expert. (I would have included a quote from that post, but his typed E-mail is copyrighted I guess). Never the less, the SWR Mod is a simple mod, and I did it anyway. (sometimes putting on the Band-Aid first will prevent the cut!) I don't plan on using this rig for VHF/UHF, but I did the fan mod as well, it is also very easy. I spent 30 minutes, and about 35 cents doing these mods. They certainly dont hurt anything and not a big deal even if I don't think it is a solution. I think it is at best a "band aid" for a different problem.
> To those who are being scared off of the FT100D, let me say this, it is a fantastic radio, the 706 is a transistor radio compared to the FT100D. I have it in a 2000 Silverado, the ATAS 100 is mounted on a simple "L" bracket to one box side. VERY WELL GROUNDED! and I am in AWE of what this setup does. I have NO problem working DX mobile, I busted the VP6DI pileup on 15, XR0X on 10 & 20, and have made dozens of contacts throughout Europe and Asia. It seems as easy as doing it with my IC746 and 4 element beam at home! There is even less noise on the mobile rig than on my base rig at home!
> I think a lot of the problems here are caused by user error, as well as the loose screws left by the factory.
> But look at some of these posts! ground straps here, ground straps there.... how long did these units get used before these users found out they had poor installs! secondly, I saw a post where a man couldn't figure out why the FT100D shut off when he disconnected the coax from his antenna! And if you have been reading these posts for awhile, you should notice that most of the problems discussed here are from the same dozen or so owners. AND, how many dumb questions have you seen posted about simple functions, APO, VOX break-in and Full break-in, can't manually input frequency from the DTMF pad, Duty cycles, the "little circle with the swr icon"..... the list is LONG. All because they hook up the radio and start QSOing and don't read the manual, I don't mean this as an attack on anyone, but these same people will be posting about their "Failures" in the near future. I have no doubt that there are some very smart people that contribute to this forum, but most of these ! geniuses

> aren't smart enough to CUT AND PASTE portions of the messages they respond to, giving all of us the opportunity to re-read every post six or seven times a day. I love my FT100d and ATAS100, if you are still on the fence about buying one, jump off and go for it... buy it, install it, use it, love it!
> I'm sure this post will get the neighborhood chat room dropout Flamers going. So I will stay in this group to read the witty responses a few more days before I unsubscribe!
>
> Thanks to all that gave honest opinions, with out the flame jobs, when the questions were asked and observations were made. good luck to all you future FT100D owners! you wont be sorry you bought this radio.
>
> Jeff Scholtz
> KC?JAO
>
> [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
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# 13173. Re: Grounding, grounding, grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 15:16:17 UTC
From: Bob Evans
Topic: 13173  Message: 13173

Jeff,

Very well put! My sentiments exactly.

Bob K5WA

>Thanks to all that gave honest opinions, with out the flame jobs, when the questions were asked and observations were made. >good luck to all you future FT100D owners! you wont be sorry you bought this radio.
>
>Jeff Scholtz
>KC?JAO

# 13174. Re: [FT100] Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 16:02:51 UTC
From: Dick Thompson
Topic: 13171  Message: 13174

Bill, the mag mount will hold the antenna in place, but you are not going to get the ground that you need, plus the other downsize to that is that you risk damage to the paint on your vehicle.

The best installation is to mount it right smack dab in the middle of the roof. I considered that, but I also considered the cost of divorce court if I drilled a hole in the top of our Buick. :) Plus, it would probably always be hitting tree limbs, since most citied are so inconsiderate and don't trim the trees high enough to keep us hams from breaking off antennas at the base. Hi Hi.

Any vertical type antenna is going to work better with some kind of metal under it. For about 4 months I used Hamstick mobile antennas and mounted a bracket at the top of one of the support posts for an aluminum cover over my redwood deck. Well, I guess I got lucky, as that aluminum cover acted as a huge car roof and the Hamsticks performed marvelously. Until I can afford to buy the ATAS-100 antenna I'm going to use the Hamsticks on my truck and then on my travel trailer when I can't toss a dipole in the trees.

If you're interested in seeing a photo of how I mounted the Hamstick bracket to the support post, let me know and I'll e-mail a picture to you. Just use a more direct address, as I'm not sure, but I think Yahoo Groups remove attachments.

73,

Dick
wb0dul

----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 7:53 AM
Subject: [FT100] Stupid VHF/UHF antenna question

Is there a "rule-of-thumb" for which antennas need a ground plane and
which do not (i.e. can be used on a mag mount or a non-grounded
luggage mount)?

As I skim the HRO catalog, is it anything with an odd multiple of a
1/4 wave needs the plane, and the even 1/4 wave multiples (i.e. 1/2)
as well as 5/8 and 7/8 don't?

HRO puts some notes on the Diamond list, but not on the Comet.
Looking for a good dual-band match for my 100D on the luggage rack.

Bill
W1PA

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[Non-text portions of this message have been removed]

# 13175. Re: [FT100] ATAS-100 won't tune on 10m ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 16:17:00 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 13095  Message: 13175

The losses of open wire balanced feed line are low, if you neglect radiation. Radiation can be significant at VHF and the losses are not so low that a 1/4 mile works as if the transmitter was at the antenna, but with care such a long line has been reported to allow using an antenna on a hill and thus getting out better than from the creek bottom.

The other effect of open wire line is its characteristic impedance and impedance transformations. An open wire line impedance of 300 to 600 ohms is typical. When a quarter wave long that transforms a 70 ohm balanced dipole load to 1285 to 5,000 ohms which generally fits the classic tuner ranges. When the antenna Z is 1000 ohms (full wave center fed) this type of line presents an impedance of 90 to 360 ohms to the tuner. Very tuneable. With 50 ohm coax these same loads present 35 or 2.5 ohms to the tuner. 35 is a nice load, 2.5 is beyond the range of many tuners and can require a very large output capacitor. The high SWR on the coax will make its losses larger also.

73, Jerry, K0CQ
--
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# 13176. Re: [FT100] Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 16:17:08 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 13171  Message: 13176

The verticals with odd 1/4 wave lengths demand good grounds to carry the large ground currents characteristic of their relatively low input impedance. Vertical any multiple of 1/2 wave length long have high impedance and thus low ground currents which lets them be less dependent on grounding. 5/8 and 7/8 are somewhere in between, sometimes a 7/8 is a 5/8 over a quarter wave making the feed impedance low. The 5/8 radiator is loaded to 3/4 wave so the feed z is low like a 1/4 wave. So it has considerable ground current. And needs a decent ground plane.

Antennas needing a ground plane tend to need something more flat than a luggage rack though that has to be better than a fiberglass roof.

73, Jerry, K0CQ
--
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# 13177. Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 16:36:57 UTC
From: lhlousek
Topic: 13136  Message: 13177

<<If you can get a dealer to send one in and have the mods done, more power to you. I think you may have a problem getting one to do that. >>

I called my local HRO, asked what serial numbers they had in stock, they read them off, I told them which one I wanted, and the sent it to me. No problem. To my knowlege, Yaesu started installing the screwed down SWR mod around May or June of 01. So, rigs 1H and later should have the mod. Mine is a 1I and has the mod.

Lou W7DZN

# 13178. Re: [FT100] Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 16:59:59 UTC
From: Dick Thompson
Topic: 13136  Message: 13178

Well, maybe I have the mod in mine as far as the SWR goes. My serial number starts with 1L (October 2001). Looks like yours was made in July 2001. Interesting that HRO would search the serial numbers and send you a specific one. That's good customer service.

73,

Dick
wb0dul

----- Original Message -----
From: "lhlousek" <lhlousek@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 9:36 AM
Subject: [FT100] Re: New FT-100D

> <<If you can get a dealer to send one in and have the mods done, more power to
> you. I think you may have a problem getting one to do that. >>
>
> I called my local HRO, asked what serial numbers they had in stock, they read
> them off, I told them which one I wanted, and the sent it to me. No problem.
> To my knowlege, Yaesu started installing the screwed down SWR mod around May or
> June of 01. So, rigs 1H and later should have the mod. Mine is a 1I and has
> the mod.
>
> Lou W7DZN
>
>
>
>
>
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# 13179. Substitute thermal switch for the fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 17:50:10 UTC
From: John McClain
Topic: 13179  Message: 13179

For those of you that like to experiment, a friend has located another thermal switch that you might be able to use as a substitute for the switch that Yaesu uses in their V/U fans mod. I have no idea what it looks like or whether it has normally open or closed contacts or even what temperature it switches at. It is used in the Alinco DR-6107 for the same purpose and he knows that it works because the other night his 50 watts dropped down to about 100mw when the finals got too warm. Its component id is TS001 and its parts number is 0HD5S-95B.

John
K7SVV@...

# 13180. Ø call info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 20:25:02 UTC
From: The Scholtz's
Topic: 13180  Message: 13180

Hi Dick!
You wrote:
One question: Where did you find the info to do the mods? They both sound so simple I'm beginning to wonder if all they are doing is madding a fan and changing a ground, why send it in?

73,

Dick
wb0dul
Thre answer to the mods location is they are on this group in the main screen. someone more versed will surely give you the exact directions to those pictures!

Second, the slash Ø is easy! just hold down the "ALT" key then, using the number keypad, type "0216" when you release the alt key the slashed Ø will appear! (works with most fonts and software as well!)
Good luck with your FT100! I absolutly love mine!
I think the ATAS100 is worth EVERY penny it costs.

Jeff KCØJAO

[Non-text portions of this message have been removed]

# 13181. Re: Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 18:44:02 UTC
From: w1pa
Topic: 13171  Message: 13181

Thanks Jerry.

I have the Comet CA-2x4SR on the Subaru now opposite the ATAS, but at 36" it just hits the top of most parking garages (yes, I know, the ATAS is much longer, but I would rather worry about just one antenna than having to lower both).

The CA is on a K550 luggage rack mount and is 1/2 wave on 2m, 2x1/2 on 440. Works well and a good match based on the FT100D SWR meter.

I made the mistake of picking up a shorter SBB-2 to replace it, which is 1/4 on 2m, and 5/8 on 440. The FT100D doesn't like this antenna on the luggage rack on 2m (2.5:1). 440 is fine.

The SBB-5 is too long (38"), but the B-20 is only 30", 1/2 wave on 2m and 2x5/8 on 440. 6" shorter (enough to clear the ceiling) and shouldn't need a major ground plan. Off to HRO to swap it out...

I'm a firm believer in the flat ground plane despite the big black luggage rack on my wagon, especially after getting 40m back by moving the ATAS off the luggage rack and on to the hatch lip (see yesterday's post).

Thanks again,

Bill
W1PA

DX Off-topic: Has anyone actually worked 9K2ZZ on 10m when he calls CQ? I have never heard anyone spend so much time on the band and sound like he is enjoying it less... jees.

> Antennas needing a ground plane tend to need something more flat than a
> luggage rack though that has to be better than a fiberglass roof.
>
> 73, Jerry, K0CQ
> --
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# 13182. Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 19:16:18 UTC
From: prg22_2000
Topic: 13182  Message: 13182

I just purchased an ft-100d and only have a 10A power supply thus far. My question is would it be safe to use the 10A power supply to power the radio for receive only? I will not transmit until I get a 25A power supply? Can't use HF anyway because I'm still only a technician. Thanks.

Paul
KF6MVO

# 13183. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 19:32:20 UTC
From: The Simpsons
Topic: 13182  Message: 13183

Perfectly safe for receive only. Ideal chance to learn how the radio works
while you wait for the larger power supply.

Grant, ZL2BK.

----- Original Message -----
From: "prg22_2000" <prg22_2000@...>
To: <FT100@yahoogroups.com>
Sent: Friday, March 29, 2002 7:16 AM
Subject: [FT100] Safe to use less than 22A for receive only?

> I just purchased an ft-100d and only have a 10A power supply
> thus far. My question is would it be safe to use the 10A power
> supply to power the radio for receive only? I will not transmit until
> I get a 25A power supply? Can't use HF anyway because I'm still
> only a technician. Thanks.
>
> Paul
> KF6MVO

# 13184. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 19:29:40 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 13182  Message: 13184

Yes.

73, Jerry, K0CQ
--
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# 13185. Re: Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 19:39:18 UTC
From: backhoefade
Topic: 13182  Message: 13185

The rig draws about 1.6 amps max on receive; about 1.2 amps when squelched.

I've transmitted low power using a 5 amp power supply but I don't recommend it. You may starve it. Someone posted current versus output power a while ago but I think it was for HF CW output so that doesn't apply to you.

You can spend hours fiddling with that receiver. It's excellent.

N6AF Chas

--- In FT100@y..., "prg22_2000" <prg22_2000@y...> wrote:
> I just purchased an ft-100d and only have a 10A power supply
> thus far. My question is would it be safe to use the 10A power
> supply to power the radio for receive only? I will not transmit
until
> I get a 25A power supply? Can't use HF anyway because I'm still
> only a technician. Thanks.
>
> Paul
> KF6MVO

# 13186. The dreaded "treadmill" effect

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 21:17:19 UTC
From: backhoefade
Topic: 13186  Message: 13186

I settled in for some relaxing CW on 40 meters last night. Thought I'd give the FT-100D / SB-220 combo a try. We're in a new QTH so we're a little cautious about using the "get to know your neighbors" amplifier. I started loading things up and suddenly the lights dimmed, I thought I heard something bang against the outside wall of the house and then it sounded like someone fired up a gigantic vacuum cleaner right outside the shack window. It was very loud. Was this the neighbor who we thought might own a carpet cleaning business, using his tools to revengefully "EMI" my receiver?
After a few seconds it shut down. I "calmly" peaked through the window blinds and didn't see a thing. So I quietly walked through the house to ask my wife if she'd heard or seen anything. She had the most confused sort of "what the heck was that?!" look on her face. The next moment found us both peaking through the kitchen blinds but we couldn't see a thing out front - it was dark, 10 PM.
So back once again at my station I hit the Iambic paddle and WHAM! there was that shrieking vacuum cleaner noise again. This time I looked across our "Ham / Rec" room and saw the XYL's treadmill whirling away. Sounds like a giant vacuum cleaner. We joked about all the other treadmills and various appliances turning on in our new neighborhood. Doubtful that; but what a bizarre experience. A healthy kW and a good dose of "TVI paranoia" can sure make for an interesting evening.

By the way, the FT-100D / SB-220 combo worked out great, once the interface matching network was installed - and the treadmill was unplugged. I won't even speculate about what it might be doing to our swimming pool equipment.

N6AF Chas

# 13187. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 21:23:44 UTC
From: Lee Boulineau
Topic: 13136  Message: 13187

I have both the Icom 706MkIIG and the Ft100D - both rigs are good, but the 100 kicks butt when it comes to mobile operation!!!!! I say yes-yes-yes (insert Meg Ryan's voice here)

73 de Lee
N4MVL

--- Einar Carlsen <carls@...> wrote:
> Yes!!!
> Einar VE7BAQ
> ----- Original Message -----
> From: waltodc
> To: FT100@yahoogroups.com
> Sent: Wednesday, March 27, 2002 11:41 AM
> Subject: [FT100] New FT-100D
>
>
> Hello All, I am considering the purchase of A
> FT-100D. Would you
> purchase another one if you had to do it over
> again?
>
> Thanks, N5UF
>
>
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>
>
> Post message: FT100@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com
>
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>

> Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

---
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# 13188. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 22:46:31 UTC
From: Dick Thompson
Topic: 13136  Message: 13188

The heck with her voice, insert her here. :)

----- Original Message -----
From: "Lee Boulineau" <n4mvl@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 2:23 PM
Subject: Re: [FT100] New FT-100D

> I have both the Icom 706MkIIG and the Ft100D - both
> rigs are good, but the 100 kicks butt when it comes to
> mobile operation!!!!! I say yes-yes-yes (insert Meg
> Ryan's voice here)
>
> 73 de Lee
> N4MVL
>
> --- Einar Carlsen <carls@...> wrote:
> > Yes!!!
> > Einar VE7BAQ
> > ----- Original Message -----
> > From: waltodc
> > To: FT100@yahoogroups.com
> > Sent: Wednesday, March 27, 2002 11:41 AM
> > Subject: [FT100] New FT-100D
> > >
> > >
> > Hello All, I am considering the purchase of A
> > FT-100D. Would you
> > purchase another one if you had to do it over
> > again?
> > >
> > Thanks, N5UF
> > >
> > >
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> > List owner: FT100-owner@yahoogroups.com
> >
> > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
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> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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> http://movies.yahoo.com/
>
>
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> Subscribe: FT100-subscribe@yahoogroups.com
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>
>
>

# 13189. Re: [FT100] Ø call info

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 22:53:27 UTC
From: Dick Thompson
Topic: 13189  Message: 13189

Thanks, Jeff.

73,

Dick
wbØdul (Yep, Alt Ø216) works too.

----- Original Message -----
From: The Scholtz's
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 1:25 PM
Subject: [FT100] Ø call info

Hi Dick!
You wrote:
One question: Where did you find the info to do the mods? They both sound so simple I'm beginning to wonder if all they are doing is madding a fan and changing a ground, why send it in?

73,

Dick
wb0dul
Thre answer to the mods location is they are on this group in the main screen. someone more versed will surely give you the exact directions to those pictures!

Second, the slash Ø is easy! just hold down the "ALT" key then, using the number keypad, type "0216" when you release the alt key the slashed Ø will appear! (works with most fonts and software as well!)
Good luck with your FT100! I absolutly love mine!
I think the ATAS100 is worth EVERY penny it costs.

Jeff KCØJAO

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13190. Re: [FT100] Re: Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 22:58:05 UTC
From: Dick Thompson
Topic: 13171  Message: 13190

That's Bob Furzer over in Kuwait. He's the author of Zakanaka and Logger. I've worked him but all I got was a signal report. I've got his Kuwait card to prove it. I've heard reports that if you write to him about Logger or any of his programs, he's real short fused.

73,

Dick
WBØDUL
----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 11:44 AM
Subject: [FT100] Re: Stupid VHF/UHF antenna question

Thanks Jerry.

I have the Comet CA-2x4SR on the Subaru now opposite the ATAS, but at 36" it just hits the top of most parking garages (yes, I know, the ATAS is much longer, but I would rather worry about just one antenna than having to lower both).

The CA is on a K550 luggage rack mount and is 1/2 wave on 2m, 2x1/2 on 440. Works well and a good match based on the FT100D SWR meter.

I made the mistake of picking up a shorter SBB-2 to replace it, which is 1/4 on 2m, and 5/8 on 440. The FT100D doesn't like this antenna on the luggage rack on 2m (2.5:1). 440 is fine.

The SBB-5 is too long (38"), but the B-20 is only 30", 1/2 wave on 2m and 2x5/8 on 440. 6" shorter (enough to clear the ceiling) and shouldn't need a major ground plan. Off to HRO to swap it out...

I'm a firm believer in the flat ground plane despite the big black luggage rack on my wagon, especially after getting 40m back by moving the ATAS off the luggage rack and on to the hatch lip (see yesterday's post).

Thanks again,

Bill
W1PA

DX Off-topic: Has anyone actually worked 9K2ZZ on 10m when he calls CQ? I have never heard anyone spend so much time on the band and sound like he is enjoying it less... jees.

> Antennas needing a ground plane tend to need something more flat than a

> luggage rack though that has to be better than a fiberglass roof.
>
> 73, Jerry, K0CQ
> --
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[Non-text portions of this message have been removed]

# 13191. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 22:59:44 UTC
From: Dick Thompson
Topic: 13182  Message: 13191

For receive only it should be OK. But plan on problems if you transmit much on VHF/UHF. When you do buy a power supply big enough to handle it, go with a 35 amp supply. A few bucks more, but well worth it.

Dick
WBØDUL
----- Original Message -----
From: prg22_2000
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 12:16 PM
Subject: [FT100] Safe to use less than 22A for receive only?

I just purchased an ft-100d and only have a 10A power supply
thus far. My question is would it be safe to use the 10A power
supply to power the radio for receive only? I will not transmit until
I get a 25A power supply? Can't use HF anyway because I'm still
only a technician. Thanks.

Paul
KF6MVO

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[Non-text portions of this message have been removed]

# 13192. Re: [FT100] The dreaded "treadmill" effect

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 23:04:08 UTC
From: Dick Thompson
Topic: 13186  Message: 13192

ROFL!!!!!!

Dick
WBØDUL
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 2:17 PM
Subject: [FT100] The dreaded "treadmill" effect

I settled in for some relaxing CW on 40 meters last night. Thought I'd give the FT-100D / SB-220 combo a try. We're in a new QTH so we're a little cautious about using the "get to know your neighbors" amplifier. I started loading things up and suddenly the lights dimmed, I thought I heard something bang against the outside wall of the house and then it sounded like someone fired up a gigantic vacuum cleaner right outside the shack window. It was very loud. Was this the neighbor who we thought might own a carpet cleaning business, using his tools to revengefully "EMI" my receiver?
After a few seconds it shut down. I "calmly" peaked through the window blinds and didn't see a thing. So I quietly walked through the house to ask my wife if she'd heard or seen anything. She had the most confused sort of "what the heck was that?!" look on her face. The next moment found us both peaking through the kitchen blinds but we couldn't see a thing out front - it was dark, 10 PM. So back once again at my station I hit the Iambic paddle and WHAM! there was that shrieking vacuum cleaner noise again. This time I looked across our "Ham / Rec" room and saw the XYL's treadmill whirling away. Sounds like a giant vacuum cleaner. We joked about all the other treadmills and various appliances turning on in our new neighborhood. Doubtful that; but what a bizarre experience. A healthy kW and a good dose of "TVI paranoia" can sure make for an interesting evening.

By the way, the FT-100D / SB-220 combo worked out great, once the interface matching network was installed - and the treadmill was unplugged. I won't even speculate about what it might be doing to our swimming pool equipment.

N6AF Chas

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[Non-text portions of this message have been removed]

# 13193. Tuning knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 23:15:28 UTC
From: John McClain
Topic: 13193  Message: 13193

Would anyone happen to have a spare tuning knob for the 100?

John
K7SVV@...

# 13194. RE: [FT100] Substitute thermal switch for the fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 01:52:58 UTC
From: Tom Tishken KD4WOV
Topic: 13179  Message: 13194

is that an alinco part number?

-----Original Message-----
From: John McClain [mailto:digi2@...]
Sent: Thursday, March 28, 2002 12:50 PM
To: FT-100
Subject: [FT100] Substitute thermal switch for the fans

For those of you that like to experiment, a friend has located another thermal switch that you might be able to use as a substitute for the switch that Yaesu uses in their V/U fans mod. I have no idea what it looks like or whether it has normally open or closed contacts or even what temperature it switches at. It is used in the Alinco DR-6107 for the same purpose and he knows that it works because the other night his 50 watts dropped down to about 100mw when the finals got too warm. Its component id is TS001 and its parts number is 0HD5S-95B.

John
K7SVV@...

Post message: FT100@yahoogroups.com
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# 13195. Re: [FT100] Substitute thermal switch for the fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 03:03:28 UTC
From: John McClain
Topic: 13179  Message: 13195

Yes it is an Alinco p/n.

John
K7SVV@...
----- Original Message -----
From: "Tom Tishken KD4WOV" <kd4wov@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 6:52 PM
Subject: RE: [FT100] Substitute thermal switch for the fans

> is that an alinco part number?
>

# 13196. MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 03:12:39 UTC
From: gregkernaghan
Topic: 13196  Message: 13196

dear group

does anyone know how to modify an MH-48 microphone i got with an ft1500m radio so i can use it with my ft100d?

i am using the ft1500m as an i-link backbone and the ft-100d to access it when i am out and about... when i plug the mh-48 mic into my ft100 the buttons (dtmf) do different things (non-dtmf) like change bands etc. etc.

if someone can help i would be most grateful

best wishes

greg
vk2vgk
sydney
australia

# 13197. RE: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 03:21:13 UTC
From: Eric van de Weyer
Topic: 13196  Message: 13197

Greg,

have you got the diagram of the MH-48 Mic? I have the details of the FT-100 one so could probably sort it out for you.

73....Eric VK2KUR
-----Original Message-----
From: gregkernaghan [mailto:gk@...]
Sent: Friday, 29 March 2002 2:13 PM
To: FT100@yahoogroups.com
Subject: [FT100] MH-48 dtmf mic modiciation

dear group

does anyone know how to modify an MH-48 microphone i got with an ft1500m radio so i can use it with my ft100d?

i am using the ft1500m as an i-link backbone and the ft-100d to access it when i am out and about... when i plug the mh-48 mic into my ft100 the buttons (dtmf) do different things (non-dtmf) like change bands etc. etc.

if someone can help i would be most grateful

best wishes

greg
vk2vgk
sydney
australia

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[Non-text portions of this message have been removed]

# 13198. Re: [FT100] Tuning knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 03:41:04 UTC
From: Dick Thompson
Topic: 13193  Message: 13198

How do you lose a tuning knob, John? They didn't send you two with the rig? Geez...

OK, I'm only kidding. :) You can call Yaesu in Cerritos, CA at 562-404-2700. Hit Ø and tell the operator you want the parts department.

73,

Dick
WBØDUL
----- Original Message -----
From: John McClain
To: FT-100
Sent: Thursday, March 28, 2002 4:15 PM
Subject: [FT100] Tuning knob

Would anyone happen to have a spare tuning knob for the 100?

John
K7SVV@...

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[Non-text portions of this message have been removed]

# 13199. RE: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 03:42:18 UTC
From: Lee Devlin
Topic: 13196  Message: 13199

I have an FT1500 and was curious to see if I could use it on the FT100, but I found that the pinouts were different. SW1 and SW2 are on pins 1 and 2 on the FT1500 and the values for the resistors that feed into the SW1 and SW2 are different as well.

My intent was to modify the MH48 mic by removing the baffle and opening the hole and then do an A/B comparison of the mics, but as I began to match up the schematics, I noticed that no everything lined up properly.

The FT90 and FT8100 use microphones that are compatible with the FT100.

Here are the differences:

FT100/90/8100
Pin 1: SW 2 multi-function switching for P, P1, P2
Pin 2: N.C. (9600bps packet data output FT-90)
Pin 3: + 9 V
Pin 4: GND
Pin 5: Microphone Input
Pin 6: SW 1 PTT, UP, DOWN, Acc

FT1500
Pin 1: SW 2
Pin 2: SW 1
Pin 3: + 8 V
Pin 4: GND
Pin 5: Microphone Input
Pin 6: PTT/Clone

73,

Lee, K0LEE

--- Eric van de Weyer <evdw@...> wrote:
> Greg,
>
> have you got the diagram of the MH-48 Mic? I have
> the details of the FT-100
> one so could probably sort it out for you.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: gregkernaghan [mailto:gk@...]

> Sent: Friday, 29 March 2002 2:13 PM
> To: FT100@yahoogroups.com
> Subject: [FT100] MH-48 dtmf mic modiciation
>
>
> dear group
>
> does anyone know how to modify an MH-48 microphone
> i got with an
> ft1500m radio so i can use it with my ft100d?
>
> i am using the ft1500m as an i-link backbone and
> the ft-100d to
> access it when i am out and about... when i plug
> the mh-48 mic into
> my ft100 the buttons (dtmf) do different things
> (non-dtmf) like
> change bands etc. etc.
>
> if someone can help i would be most grateful
>
> best wishes
>
> greg
> vk2vgk
> sydney
> australia
>
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>
> [Non-text portions of this message have been
> removed]
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---
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http://greetings.yahoo.com/

# 13200. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 04:22:21 UTC
From: Lee Devlin
Topic: 13136  Message: 13200

There is a poll which asks the question whether
current owners would recommend the rig to others. It
has 74 votes accumulated thus far. You can view the
results by visiting:

http://groups.yahoo.com/group/FT100/polls

You can also vote if you haven't done so already.
I'll probably conclude this poll in a few days.

73,

Lee, K0LEE

--- waltodc <dwaltond@...> wrote:
> Hello All, I am considering the purchase of A
> FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF
>
>

_____
Do You Yahoo!?
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http://greetings.yahoo.com/

# 13201. Re: ATAS - no match on 40 -- UPDATE

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 04:24:11 UTC
From: recurve95
Topic: 12453  Message: 13201

Hi Bill,
I dont have the ATAS antenna, (I am running a Tarheel Screwdriver antenna) so I may be making observations and comments that dont apply at all, but here goes anyway. I was looking over your impedance measurements that you took on 40 meters and something doesnt look right to me. I remember reading back in an old ARRL handbook on mobile antennas that center loaded whips and even base loaded whips for mobile use needed some sort of impedance matching on 40 and 80 meters. The antenna impedance on the upper bands is close enough to 50 ohms for a decent match without too bad a SWR, and that was easy enough to tune out by adjusting the antenna. But on the lower bands, I seem to remember feedpoint impedances were about 15 to 20 ohms depending on the quality of the loading coil and grounding of the antenna. This held true with my modern screwdriver antenna, and when I installed my screwdriver (just the antenna, with no impedance matching coils at all at the base) in my Silverado truck, the actual antenna impedance measured 16 ohms by a MFJ 269 analyzer on both 80 and 40 meters. As i went up in frequency, the antenna impedance went up as well, to a high of about 36 ohms on ten meters. Using the values in the ARRL handbook for matching mobile antennas, I needed a small coil with a couple of uH inductance to transform the feedpoint impedance upward. I had some coilstock that was one inch in diameter, and ended up with about 6 turns in the coil. One end of the coil is grounded and the other end goes to the base of the antenna or center of the coax. On a one inch coil form, 6 turns is about 1.5 to 2 uH of inductance (memory only..i dont have the book in front of me). I put the MFJ back on the installation after the matching coil was installed, and indeed, the feedpoint impedance was now 50 ohms with no reactance. THe one thing in your post that bothers me is that your feedpoint impedance is very very high. While I dont have a good explaination for it, it makes me wonder if the ATAS has some sort of impedance matching network at the base that has too much inductance or capactance? COuld it be the luggage rack is acting like a capacator?(most likely to me). If so, you might not be able to mount it there without tuning out the high impedance of the feedpoint. If you really want to mount the ATAS on the luggage rack, I would suggest an "L" network matching scheme that you could build up in a small box. Ideally it would be mounted at the base of the antenna, but you can mount it at the radio, tune it on 40 meters for 50 ohms and forget it. The ATAS should be able to take care of itself on the other bands. As a side comment, the screwdriver antenna that I am using suggests strongly that the grounding braid from the base of the antenna not be longer than one foot. I mounted my screwdriver in the bed of the truck and drilled a hole in the bed to run the ground braid through, and have it bolted to the truck

frame. Total length of the ground braid on my install is 10 inches.
If you care to see what I am talking about,
www.geocities.com/recurve95
There should be a few pics there of my install.
73 OM
de N5XL
Dave

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> > My ATAS will hit consistantly on all other bands (including 30,
17,
> > and 12), right down to one segment on the SWR meter, but will not
> > tune on 40m (not even a dip). I tried a longer whip to no avail.
> >
> > Suggestions? Better grounding of the mount?
> >
> > Bill
> > W1PA
>
> This goes back to message 12453. I finally picked up a small Comet
> hatch lip mount, and moved the ATAS off the grounded luggage rack
> mount on my Subaru Legacy wagon (see my image in the installation
> folders and the reply included below)-- low-and-behold, 40 now
> tunes. Verified right up to 6m that the rest of the bands tune as
> well.
>
> Not sure what is going on. I had a wide ground strap directly from
> the SO-239 base on the K550 luggage mount to a screw on the luggage
> rack, verified that the luggage rack is grounded to the car chasis,
> but to no avail. Might be some interaction between the luggage rack
> and the chassis (big capacitor effect?) --- don't know.
>
> Looks like the ATAS wants to be as close to the flat sheet of metal
> as possible. I'm not completely confident with the smaller Comet
> mount (I can't use the full size lip mount because there isn't
enough
> metal above the hatch window before the line of the door curves to
> the top, and the top edge is out because the it drops down when the
> hatch is lifted). We'll see. I take my ATAS on and off a lot, so I
> can at least be aware of when it might start to loosen.
>
> Avoid those luggage racks.
>
> Bill
> W1PA
>
>
>
> Original reply:

>
> I was helping another ham install his FT100D and ATAS on a Dodge
> truck last weekend, and finally had the time to put an analyzer on
my
> ATAS, which has never loaded on 40m. I manually ran the ATAS all
the
> way out, disconnected the pigtail, and put the analyzer on it. It
was
> resonant at 6.80 Mhz (so it's not a whip length issue), but with an
> impedance above 50 ohm, almost 150 for a SWR of close to 3:1.
>
> We tried his ATAS with the same result. I have mine installed on my
> luggage rack with a K550 mount and a ground strap to the rack, and
I
> have confirmed that the rack is grounded to the chassis.
>
> See: http://groups.yahoo.com/group/FT100/files/Mobile%
> 20Installations/W1PA/K550_closeup.JPG
>
> His is installed on his hood, with a K400 clipped to the edge. His
> loads on 40m, not great, but it does.
>
> Any antenna gurus think, based on these results and the impedence
> numbers, that I might be better off with a K400 mounted on my hatch
> door lip of the Subaru wagon versus the rack? My ATAS works and
loads
> very well on _all_ other bands other than 40m... including WARC.
>
> Bill
> W1PA

# 13202. Re: Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 03:13:21 UTC
From: ft100guy
Topic: 13071  Message: 13202

There were no known mods to any of the radios built prior to May 2001. The FT100D saw a Firmware revision but suffers from the same two problems related to earlier models. Even if you have a May 2001 and crack the cover and find the swr mod, chances are it will still need the fan mod as no evidence has been shown that the May 2001 contained any firmware upgrade to protect the vhf and uhf final by liberal use of the fans. Even some of the May 2001 radios did not contain the swr mods so sometime in that run they started straightening out the swr falsing problem. Regards.. Richy N2ZD

--- In FT100@y..., "Einar Carlsen" <carls@c...> wrote:
> Re. mods.
>
> I am also interested in IF and WHAT mods were done in the year your rig was manufactured.

# 13203. re: FT-100 & 6M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 10:09:37 UTC
From: P. J. Kerrigan
Topic: 13203  Message: 13203

I finally got 6m working well on my FT-100 mobile. Found Hamsticks work great - get under 1.5 SWR between 52.3-50.1 Mhz.
I've never been able get less than 2.0 SWR (3-4 bars on the built-in SWR meter) with the ATAS-100, even with manual adjustment.
Anybody have a different experience here?

Also, been thinking about getting a mobile halo for much more punch on SSB ground-wave - M2 makes one, any other suggestions?

As a footnote - as folks have pointed out - be prepared for lots of silence. I was on top of Grizzly Peak in the (SF) East Bay, on a Sunday afternoon/eve, scanning both FM and the SSB portions of the band with no traffic. Called a bunch of times on the SSB calling freq, ditto. This is having line-of sight to the 2nd highest density of active hams in the world.

I had an "Old Timer" in the car who sadly shook his head - when he was licensed for the first time in the 60's, your big challenge with 6m was to find a *free* frequency.

PJK - KG6DHE

# 13204. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 22:44:48 UTC
From: k2at
Topic: 13136  Message: 13204

Nope. If I had it over to do again, I would buy the same rig. I believe the bugs are out of it and mine has been performing flawlessly.
----- Original Message -----
From: Einar Carlsen
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 3:13 PM
Subject: Re: [FT100] New FT-100D

Yes!!!
Einar VE7BAQ
----- Original Message -----
From: waltodc
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 11:41 AM
Subject: [FT100] New FT-100D

Hello All, I am considering the purchase of A FT-100D. Would you
purchase another one if you had to do it over again?

Thanks, N5UF

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[Non-text portions of this message have been removed]

# 13205. Turn around Warning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-27 22:14:42 UTC
From: TM
Topic: 13205  Message: 13205

Hi all I sent my 2 FT100D's in for the warranty mods in Feb. Today I contacted Yeasu and they are being packed up today shipped tomorrow. Can't wait. I did have another problem that develope with one radio as it warmed up it would give static sound, key it and it work fine then after a min went back to the open squelch sound. Yeasu said they found the problem to be an IC problem and replaced.
Glad I played with it a bit before sending it in. One friend sent his radio in and came back, after 3 days the channel selector (Lower Left corner) was jumping channels when he wanted to only to go one channel. Yeasu told him to send the whole radio in but my friend asked if he can just send the faceplate in. Turns out they don't have replacements for the 100d yet. Also this friday Yeasu is moving to a new location and will not be doing any work for a week. I was advise that this would delay repair work by 2 weeks... De N8NET

[Non-text portions of this message have been removed]

# 13206. Yaesu Repair Department

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 15:46:11 UTC
From: wb4tdb@aol.com
Topic: 13206  Message: 13206

Can anyone provide the Email address for Yaesu USA
Repair Dept? My FT100D was returned, by the dealer
in late Jan 2002 for warrenty repairs.
Thanks,
Vollie
W4TDB

# 13207. Re: New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 18:11:07 UTC
From: bed143
Topic: 13136  Message: 13207

I did the same thing with HRO - they gave me a late serial no as well. Darn good folks!

Dennis

--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> <<If you can get a dealer to send one in and have the mods done, more power to
> you. I think you may have a problem getting one to do that. >>
>
> I called my local HRO, asked what serial numbers they had in stock, they read
> them off, I told them which one I wanted, and the sent it to me. No problem.
> To my knowlege, Yaesu started installing the screwed down SWR mod around May or
> June of 01. So, rigs 1H and later should have the mod. Mine is a 1I and has
> the mod.
>
> Lou W7DZN

# 13208. Re: [FT100] Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-28 17:20:38 UTC
From: Paul Manuel
Topic: 13154  Message: 13208

The bottom line is, we expected the FT 100 to operate into the antennas
our other rigs will--my 2 FT 100s wouldn't.

We expected the FT 100 to operate into a dummy load without breaking into
a spurious oscillation--my 2 FT 100s wouldn't.

We expected the FT 100 cooling fans to run when the rig got hot on VHF or
UHF, as they do on HF--my 2 FT 100s didn't.

I guess the ICOM 706 owners are just so much smarter than us because their
rigs usually work out of the box, into their usual antennas, as my 706
did.
I guess I was smart, like you recent posters, when I bought my 706 in
1997, and somehow got stupid when I installed my 2 FT 100s.

73,
Paul K4PDM

---
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Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 13209. Re: [FT100] re: FT-100 & 6M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 04:32:15 UTC
From: Dick Thompson
Topic: 13203  Message: 13209

Thanks for your thoughts on the 6m Hamstick, PJK. I'm going to go that route for the time being, but I'd rather have an ATAS-100. Like your area, not much activity on 6 meters. If we don't start using it, there are a lot of commercial interests just waiting to pounce.

Dick
WBØDUL
----- Original Message -----
From: P. J. Kerrigan
To: FT100@yahoogroups.com
Sent: Tuesday, March 26, 2002 3:09 AM
Subject: [FT100] re: FT-100 & 6M

I finally got 6m working well on my FT-100 mobile. Found Hamsticks work great - get under 1.5 SWR between 52.3-50.1 Mhz.
I've never been able get less than 2.0 SWR (3-4 bars on the built-in SWR meter) with the ATAS-100, even with manual adjustment.
Anybody have a different experience here?

Also, been thinking about getting a mobile halo for much more punch on SSB ground-wave - M2 makes one, any other suggestions?

As a footnote - as folks have pointed out - be prepared for lots of silence. I was on top of Grizzly Peak in the (SF) East Bay, on a Sunday afternoon/eve, scanning both FM and the SSB portions of the band with no traffic. Called a bunch of times on the SSB calling freq, ditto. This is having line-of sight to the 2nd highest density of active hams in the world.

I had an "Old Timer" in the car who sadly shook his head - when he was licensed for the first time in the 60's, your big challenge with 6m was to find a *free* frequency.

PJK - KG6DHE

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[Non-text portions of this message have been removed]

# 13210. Re: [FT100] Yaesu Repair Department

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 04:42:30 UTC
From: Dick Thompson
Topic: 13206  Message: 13210

I don't have their e-mail address. Your best bet would be to call them at 562-404-2700. They are moving to a new location, starting tomorrow, 3/29 and will be available for phone calls on 4/1. You will need to hit the Ø key on your phone and then ask the switchboard operator to transfer you to the Service department.

Good Luck. Boy, if I had sent mine in in January and was still waiting, I'd be livid.

73,

Dick
WBØDUL@...
----- Original Message -----
From: wb4tdb@...
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 8:46 AM
Subject: [FT100] Yaesu Repair Department

Can anyone provide the Email address for Yaesu USA
Repair Dept? My FT100D was returned, by the dealer
in late Jan 2002 for warrenty repairs.
Thanks,
Vollie
W4TDB

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[Non-text portions of this message have been removed]

# 13211. Re: [FT100] Yaesu Repair Department

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 04:56:22 UTC
From: Lee Devlin
Topic: 13206  Message: 13211

--- wb4tdb@... wrote:
> Can anyone provide the Email address for Yaesu USA
> Repair Dept? My FT100D was returned, by the dealer
> in late Jan 2002 for warrenty repairs.

The answer to this and many other questions can be found in the FT100 FAQ/Knowledgebase at:

http://www.k0lee.com/ft100faq.html

Normally, this FAQ address is attached to the bottom of every email that is sent from this list (after the Yahoo ad). However, about half of our members only access the messages via the web page and the address of the FAQ isn't as apparent while reading in that mode.

I should also mention that FAQ stands for Frequently Asked Questions. I realize that some hams are making their way on to the Internet for the first time and may not be aware of all the acronyms that are used.

Sometimes there is a tendency to chastise people who ask a question that has been answered here many times. Please try to put yourself in their place. Remember the mic fright you had after you got your ham ticket and the other hams took mercy on you and didn't make you feel ashamed about your radio technique? Well, we need to extend the same courtesy to hams who are venturing into this group for the first time too.

From the last entry in the FAQ:
In the U.S.A., you can reach Yaesu as follows:

Amateur Technical Support: amateurtech@...

For parts: yaesuparts@...

For sales: amateursales@...

By postal mail: Yaesu U.S.A., 17210 Edwards Rd., Cerritos, CA 90703, U.S.A.

By phone: (562)-404-2700

73,

Lee, K0LEE

_____
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http://greetings.yahoo.com/

# 13212. Re: Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 05:24:44 UTC
From: kc0jao
Topic: 13154  Message: 13212

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
>
> The bottom line is, we expected the FT 100 to operate into the
antennas
> our other rigs will--my 2 FT 100s wouldn't.

MINE WOULD, INTERNAL GROUND PROBLEM?>

We expected the FT 100 to operate into a dummy load without breaking
into
> a spurious oscillation--my 2 FT 100s wouldn't.

MINE WOULD, GROUND PROBLEM?

>
> We expected the FT 100 cooling fans to run when the rig got hot on
VHF or
> UHF, as they do on HF--my 2 FT 100s didn't.

A 10 CENT RESISTOR FIXES THAT PROBLEM IN JUST A FEW MINUTES!

Paul, I agree that this shouldnt be such a problem, but really it
isnt such a big deal!! I guess if your happy with less reciever, and
a not so hot noise blanker, and without the fantastic DSP the FT100
has.....
>
> I guess the ICOM 706 owners are just so much smarter than us
because their
> rigs usually work out of the box, into their usual antennas, as my
706
> did.
> I guess I was smart, like you recent posters, when I bought my 706
in
> 1997, and somehow got stupid when I installed my 2 FT 100s.
>
> 73,
> Paul K4PDM
>
> I dont know about smarter! I would not ditch $2000 dollars worth
of radios over what little needs to be done to them to make them
PERFECT.

73 to you Paul!
Jeff KCØJAO
>
>
> _____

> Do You Yahoo!?
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> http://movies.yahoo.com/

# 13214. RE: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 05:46:09 UTC
From: Eric van de Weyer
Topic: 13196  Message: 13214

Hi Lee,

Greg actually bought the mic over a little while ago and I had a look at it. Actually the pinouts are almost the same except that the PTT is on it's own on pin 6 which is the SW1 line on the FT100. the SW1 is on pin 2 which is nothing on the FT100. SW2, Mic, Gnd +9V are all the same. Therefore the MH48 will work as a basic or emergency mic on the FT100 but only a couple of the functions work. The DTMF does not work as abviously it is done inside the rig on those radios that use it.

73....Eric VK2KUR.
-----Original Message-----
From: Lee Devlin [mailto:lee810@...]
Sent: Friday, 29 March 2002 2:42 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] MH-48 dtmf mic modiciation

I have an FT1500 and was curious to see if I could use it on the FT100, but I found that the pinouts were different. SW1 and SW2 are on pins 1 and 2 on the FT1500 and the values for the resistors that feed into the SW1 and SW2 are different as well.

My intent was to modify the MH48 mic by removing the baffle and opening the hole and then do an A/B comparison of the mics, but as I began to match up the schematics, I noticed that no everything lined up properly.

The FT90 and FT8100 use microphones that are compatible with the FT100.

Here are the differences:

FT100/90/8100
Pin 1: SW 2 multi-function switching for P, P1, P2
Pin 2: N.C. (9600bps packet data output FT-90)
Pin 3: + 9 V
Pin 4: GND
Pin 5: Microphone Input
Pin 6: SW 1 PTT, UP, DOWN, Acc

FT1500
Pin 1: SW 2
Pin 2: SW 1
Pin 3: + 8 V
Pin 4: GND

Pin 5: Microphone Input
Pin 6: PTT/Clone

73,

Lee, K0LEE

--- Eric van de Weyer <evdw@...> wrote:
> Greg,
>
> have you got the diagram of the MH-48 Mic? I have
> the details of the FT-100
> one so could probably sort it out for you.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: gregkernaghan [mailto:gk@...]
> Sent: Friday, 29 March 2002 2:13 PM
> To: FT100@yahoogroups.com
> Subject: [FT100] MH-48 dtmf mic modiciation
>
>
> dear group
>
> does anyone know how to modify an MH-48 microphone
> i got with an
> ft1500m radio so i can use it with my ft100d?
>
> i am using the ft1500m as an i-link backbone and
> the ft-100d to
> access it when i am out and about... when i plug
> the mh-48 mic into
> my ft100 the buttons (dtmf) do different things
> (non-dtmf) like
> change bands etc. etc.
>
> if someone can help i would be most grateful
>
> best wishes
>
> greg
> vk2vgk
> sydney
> australia
>
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>
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>

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# 13215. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 06:03:13 UTC
From: Dan
Topic: 13182  Message: 13215

You may return your HAM license now.
----- Original Message -----
From: "prg22_2000" <prg22_2000@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 11:16 AM
Subject: [FT100] Safe to use less than 22A for receive only?

> I just purchased an ft-100d and only have a 10A power supply
> thus far. My question is would it be safe to use the 10A power
> supply to power the radio for receive only? I will not transmit until
> I get a 25A power supply? Can't use HF anyway because I'm still
> only a technician. Thanks.
>
> Paul
> KF6MVO
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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>

# 13216. Re: FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-25 22:03:21 UTC
From: backhoefade
Topic: 13073  Message: 13216

I have had great success using a G5RV Junior in an inverted vee configuration with the apex only at about 25 feet. I get 5-9 reports out of Nova Scotia from my Northern California QTH using my FT-100D at 100 Watts PEP. But, of course, you have to wait for the band to open up. Funny thing I've found is that the the band may be open and everyone seems to be listening and waiting. So go ahead and throw out an occasional CQ even if the band seems dead.
Chas N6AF

--- In FT100@y..., "Louise&JanPieper" <pe1pmo@a...> wrote:
> Hi all,
> Does anybody outthere has some experiences with a inverted V on 6 meters?
> I bought a MFJ948 tuner for HF, and it is working fine over all bands, even 6 got tuned, but is deaf to the end.
> Next question: I can't find out why not, but would a inverted V standing upright as a V work the same way as
> an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile antennas, as they are shortened
> 1/4 waves for 50 Mc !! Looks good on top of a car !
> 73, de PE1PMO Jan.
>
>
> [Non-text portions of this message have been removed]

# 13217. Re: [FT100] Fw: FT100-D: MARS Capable?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 01:53:53 UTC
From: Albert Furlow
Topic: 13084  Message: 13217

very easy to do
----- Original Message -----
From: Tony Hackenberg
To: FT100@yahoogroups.com
Sent: Monday, March 25, 2002 9:38 AM
Subject: [FT100] Fw: FT100-D: MARS Capable?

Can the Yaesu FT-100D operate on MARS frequencies?

If so, how difficult is it to do? Is a modification required, or can you
just select the right menu option?

I'm thinking about purchasing a FT-100D as my primary mobile and secondary
(backup) base rig.

73s,
Tony/WA8SSQ

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[Non-text portions of this message have been removed]

# 13218. Re: [FT100] Digest Number 1163

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 07:28:55 UTC
From: Dan K Nelson
Topic: 13218  Message: 13218

> Message: 16
> Date: Tue, 26 Mar 2002 02:09:37 -0800
> From: "P. J. Kerrigan" <pjk@...>
> Subject: re: FT-100 & 6M
>
> I finally got 6m working well on my FT-100 mobile. Found Hamsticks
> work great - get under 1.5 SWR between 52.3-50.1 Mhz.
> I've never been able get less than 2.0 SWR (3-4 bars on the built-in
> SWR meter) with the ATAS-100, even with manual adjustment.
> Anybody have a different experience here?
> << SNIP >>>

I have run the original FT-100 for about 2 years now. I use the ATAS for 6-40 meters, and a Comet 2/440 dual band, both mounted on top of my Blazer via a homebrew roof mounting bar. I have had excellent tuning on all bands (even 12 and 17) from day one, never more than 1 or 2 bars of reflected power showing on the rig's SWR indicator, and always full output according to my Bird 4410.

Double checking the SWR with my MFJ 259B confirms less than 1.5 to 1 SWR on any band. I might add that this rig is bone stock (no SWR mod), but I did go to great lengths to ensure that the rig, antennas, *and* the body panels, hood, doors, chassis, tailpipe, etc. were properly grounded. This combo works great for me, and I am constantly amazed at how well the ATAS works - considering it's size.

73 de W6DKN

# 13219. Re: [FT100] Re: FT100 & 6 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 01:31:46 UTC
From: Alex Turner
Topic: 13073  Message: 13219

I forgot to mention that, yes I had used an inverted Vee that's oriented east-west and have gotten QSO from all directions. I don't have enough data to say how much better it is off the east - west as compared to the ends,but it has been good enough to pretty well cover all compass points depending on the type and intensity of the opening.

N4BYJ

To: FT100@yahoogroups.com
Sent: Monday, March 25, 2002 12:13 PM
Subject: [FT100] Re: FT100 & 6 meters

I have had great success working 6 meters with a G5RV Junior in an inverted Vee configuration. When the band is open I receive 5-9 reports often from Nova Scotia. I'm in the SF area so that's a pretty good haul with just the barefoot FT-100D.
N6AF Chas

--- In FT100@y..., "Louise&JanPieper" <pe1pmo@a...> wrote:
> Hi all,
> Does anybody outthere has some experiences with a inverted V on 6 meters?
> I bought a MFJ948 tuner for HF, and it is working fine over all bands, even 6 got tuned, but is deaf to the end.
> Next question: I can't find out why not, but would a inverted V standing upright as a V work the same way as
> an inverted V ? I am busy making one of two 5/8 lambda 2 meter mobile antennas, as they are shortened
> 1/4 waves for 50 Mc !! Looks good on top of a car !
> 73, de PE1PMO Jan.
>
>
> [Non-text portions of this message have been removed]

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13220. FT-100 repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 00:32:04 UTC
From: n8uvq@juno.com
Topic: 13220  Message: 13220

My FT-100 safely arrived at Cerritos, CA on 23-March-02.
The tech said three to four weeks for warranty repairs.
I'll advise when it returns.
-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

_____
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# 13221. RE: [FT100] Re: Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-26 05:32:05 UTC
From: Paul n. Henning
Topic: 13071  Message: 13221

Richy:

What website page should one be looking at for the FT-100 mods and photos
photos?

TNX 73
Paul
K9PH

-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Sunday, March 24, 2002 21:08 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Is my radio at risk? Advice would be VERY appreciated!

Hey Guy,

Firstly, my condolences on the loss of your Dad, I lost my dad
when I was 21 and my Mom at 24. At 34 I buried a child so I can
identify with you on the lack of hamming and such. I hope you are
doing well now..

With that outta the way, I can tell you that your radio most
assuredly doesnt have any of the mods and a call to Yaesu as
mentioned will get you no further information as they "bend the
truth" from what we have determined here.
If the radio is out of warranty, check with Yaesu to see if they
will cover the mods if its returned, specify in writing that you need
the Fan Mod and the SWR mod. The fan mod will cool things down inside
the rig and the SWR mod will make the radio more stable on HF and as
reported, clean things up on UHF and VHF as well.
If you want to do the mods yourself, check out the files and photos
area to the left of the website page.. Regards. Richy N2ZD

--- In FT100@y..., "guyle99" <guy@t...> wrote:
> I am the proud owner of a FT-100 (no D), serial starting with
9J10.
> I acquired it brand new in May of 2000 as a graduation/upgrade to
> General present, and it installed in my vehicle with a dual 2m/440
> antenna until I could afford the ATAS. For about a year I used it
> almost exclusively on 2m. My father gave my the ATAS-100 for my
> birthday last year, but unfortunately he died while it was in
> transit, so for awhile ham radio wasn't a high priority in life.
> However, now I have finally got my radio permanently installed and
> operating with the ATAS and my dual bander (I like the two separate
> antennas better, personally), and so far I'm very happy with it!
>

> However, I came across this group and have been reading about
> problems with heat and such... is my particular radio series at
risk
> for these issues, since it was one of the earlier releases? Also,
> that guy Rich N2ZD is very handsome and the finest operator alive
and I enjoy his comments. What a great guy....

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08:HM/A=847665/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1017112177%
3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=847665/R=1>

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[Non-text portions of this message have been removed]

# 13222. Re: FT-100 & 6M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 13:30:09 UTC
From: kg4fet
Topic: 13203  Message: 13222

--- In FT100@y..., "P. J. Kerrigan" <pjk@m...> wrote:
> I finally got 6m working well on my FT-100 mobile. Found Hamsticks work
> great - get under 1.5 SWR between 52.3-50.1 Mhz.
> I've never been able get less than 2.0 SWR (3-4 bars on the built-in SWR
> meter) with the ATAS-100, even with manual adjustment.
> Anybody have a different experience here?

My ATAS 100 does a FB job through out the 6MTR band. I did have to change the whip to a slightly (4 inches)longer. this helped in 2 ways. ti brought resonance on 40 mtrs wher the antenna did not have to extend as far (all the way)as it did prior to chaging the whip. I did have a problem with the ATAS 100 locking at fully extended and have to give it a tap or 2 to get it to retract or start to.

> Also, been thinking about getting a mobile halo for much more punch on SSB
> ground-wave - M2 makes one, any other suggestions?

there is a pretty nice one (Halo) on www.6mt.com that can be built for ALOT less then what an M2 or ther Halo could be bought for. look a the 6 mtr Tech list for the diagram and article associated with the building it.

>
>
> As a footnote - as folks have pointed out - be prepared for lots of silence.
> I was on top of Grizzly Peak in the (SF) East Bay, on a Sunday
> afternoon/eve, scanning both FM and the SSB portions of the band with no
> traffic. Called a bunch of times on the SSB calling freq, ditto. This is
> having line-of sight to the 2nd highest density of active hams in the world.
>
> I had an "Old Timer" in the car who sadly shook his head - when he was
> licensed for the first time in the 60's, your big challenge with 6m was to
> find a *free* frequency.
>
I will say that you are in the midst of what is between the 2 major DX seasons for 6 mtrs. We saw some really great openings here in NE FL in NOV.,DEC. and JAN into Europe and here in the next few weeks we

can look forward to more and longer openings within the states and into South America. These E and tropo openings can extend as far north as well into the Far North West territories in Canada and and well into South America from EM90FH (Jacksonville FL. The Summer will be alot like your buddy remembers what 6 mtrs used to be like. you will find guys all over the 50 MHz Section of the band operating SB and AM. One Problem with 6 mtrs is the fact that no one wants to be the first to key up so very few call CQ because they don't hear antything. I can't remeber how many times I have called cQ on a band that was quiet and had 20 or 30 stations calling me back because they didnt hear anyone..HIHI.
> PJK - KG6DHE

Ok I have rambled on enough rambling about my favorite band
73 and all the best and please email if you want more info and 6 mtr hints
DE KG4FET Sandor

# 13223. Re: ATAS - no match on 40 -- UPDATE

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 14:09:06 UTC
From: w1pa
Topic: 12453  Message: 13223

The bottom three inches of the ATAS is a "Z" match. Don Johnson's DK3 now has the same design, where the entire antenna is DC grounded through a coil at the base of the antenna. Don cuts a spiral groove in the bottom 6" of the tube to make the coil. In the ATAS there are multiple matching caps at specific taps along the coil as well.

Picture here (takes a second to load --600Kb):
http://groups.yahoo.com/group/FT100/files/ATAS-100/ATAS100.doc

This "part" of the ATAS is non-user fixable and $160US to replace. Be gentle on your mounts. (if anyone has a brokon one of these and wants to part with it, I'd like to try some techniques to offer a fix for them, drop me a note. I've already torn apart one).

```
---)))))))-----------------)))))))))))))))-------------------
| ^
| |
| |
Gnd cntr
```

All I know is getting the ATAS off the luagge rack and onto the body of the wagon has given me back 40m, as well as a better overall match on the other bands.

Bill
W1PA

> I dont have a good explaination for it, it makes me wonder if the
> ATAS has some sort of impedance matching network at the base that
has
> too much inductance or capactance? COuld it be the luggage rack is
> acting like a capacator?(most likely to me). If so, you might not
be
> able to mount it there without tuning out the high impedance of the
> feedpoint

# 13224. Re: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:41:07 UTC
From: Pres Waterman
Topic: 13196  Message: 13224

> 
> The FT90 and FT8100 use microphones that are
> compatible with the FT100.
> 
> Here are the differences:
> 
> FT100/90/8100
> Pin 1: SW 2 multi-function switching for P, P1, P2
> Pin 2: N.C. (9600bps packet data output FT-90)
> Pin 3: + 9 V
> Pin 4: GND
> Pin 5: Microphone Input
> Pin 6: SW 1 PTT, UP, DOWN, Acc

Yes, the FT-90 and FT-100 mics are functionally interchangeable, except for front button labeling. But I did see some goofy operation using the FT-90 mic on the FT-100 in the cold. So MABYE there is a difference?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13225. Re: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:48:22 UTC
From: Pres Waterman
Topic: 13196  Message: 13225

> functions work. The DTMF does not work as abviously it is done inside the
> rig on those radios that use it.

No, it is generated in the mic

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13226. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:49:31 UTC
From: Pres Waterman
Topic: 13182  Message: 13226

> You may return your HAM license now.

That was SO uncalled for. You owe this new ham an apology

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13227. RE: Yaesu Repair Department

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:19:07 UTC
From: John L. Gianotti
Topic: 13206  Message: 13227

You might try contacting John Lynn, he is the director of customer service.
His e-mail is j.lynn@...

# 13228. RE: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:28:56 UTC
From: Eric van de Weyer
Topic: 13196  Message: 13228

Hi Pres,

I'm afraid you are wrong on this one for two reasons.

Firstly, if you open up the mic you will find that there is no generator chip inside it. there are only some resistors, diodes and transistors.

Secondly, if you connect the MH-48 up to the FT-100, pressing some of the DTMF keyboard keys, has the same effect as pressing some of the function buttons, thus proving that the keys are, in fact, connected to either the SW1 or SW2 lines. Also, no tones are produced.

I did these tests on one earlier today.

73....Eric VK2KUR

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Saturday, 30 March 2002 2:48 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] MH-48 dtmf mic modiciation

> functions work. The DTMF does not work as abviously it is done inside the
> rig on those radios that use it.

No, it is generated in the mic

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
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[Non-text portions of this message have been removed]

# 13229. Re: [FT100] Safe to use less than 22A for receive only?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 15:46:37 UTC
From: Dick Thompson
Topic: 13182  Message: 13229

I don't think that remark was necessary. The guy had what he felt was a legitimate question. Give him an answer and let it go at that. Flaming him is uncalled for. IMHO I would suggest that you apologize and offer to help. Maybe you didn't mean it in the manner it sounded, but again, it was not called for.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Dan
To: FT100@yahoogroups.com
Sent: Thursday, March 28, 2002 11:03 PM
Subject: Re: [FT100] Safe to use less than 22A for receive only?

You may return your HAM license now.
----- Original Message -----
From: "prg22_2000" <prg22_2000@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, March 28, 2002 11:16 AM
Subject: [FT100] Safe to use less than 22A for receive only?

> I just purchased an ft-100d and only have a 10A power supply
> thus far. My question is would it be safe to use the 10A power
> supply to power the radio for receive only? I will not transmit until
> I get a 25A power supply? Can't use HF anyway because I'm still
> only a technician. Thanks.
>
> Paul
> KF6MVO
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 13230. Re: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:39:16 UTC
From: Pres Waterman
Topic: 13196  Message: 13230

> 
> I'm afraid you are wrong on this one for two reasons.
> 
> Firstly, if you open up the mic you will find that there is no generator
> chip inside it. there are only some resistors, diodes and transistors.

Nah, I took a MH-36-xxx mic from a FT-100, changed the plug, and now it
works on the FT-817.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13231. Re: [FT100] Tuning knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:20:04 UTC
From: David F. Morse
Topic: 13193  Message: 13231

```
--------------------------------
Which reminds me; has anyone put an IC706 knob on the FT100? I like
the IC706 knob better than the stock one on the ft100.........
David in Denver
k0dar
////////////////////////////

> ----- Original Message -----
> From: John McClain
> To: FT-100
> Sent: Thursday, March 28, 2002 4:15 PM
Subject: [FT100] Tuning knob
> Would anyone happen to have a spare tuning knob for the 100?
>
> John
K7SVV@ARRL.NET
--------------------------------
>How do you lose a tuning knob, John? They didn't send you two with
>the rig? Geez...
>
>OK, I'm only kidding. :) You can call Yaesu in Cerritos, CA at
>562-404-2700. Hit Ø and tell the operator you want the parts
>department.
>
>73,
>
>Dick
>WBØDUL

--
```

# 13232. Re: Is my radio at risk? Advice would be VERY appreciated!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:43:19 UTC
From: backhoefade
Topic: 13071  Message: 13232

When you find it just make sure the serial number is over 18 !

--- In FT100@y..., "Paul n. Henning" <paul@a...> wrote:
> Richy:
>
> What website page should one be looking at for the FT-100 mods and
photos
> photos?
>
> TNX 73
> Paul
> K9PH
>
> -----Original Message-----
> From: ft100guy [mailto:ss409ss@a...]
> Sent: Sunday, March 24, 2002 21:08 PM
> To: FT100@y...
> Subject: [FT100] Re: Is my radio at risk? Advice would be VERY
appreciated!
>
>
> Hey Guy,
>
> Firstly, my condolences on the loss of your Dad, I lost my dad
> when I was 21 and my Mom at 24. At 34 I buried a child so I can
> identify with you on the lack of hamming and such. I hope you are
> doing well now..
>
> With that outta the way, I can tell you that your radio most
> assuredly doesnt have any of the mods and a call to Yaesu as
> mentioned will get you no further information as they "bend the
> truth" from what we have determined here.
> If the radio is out of warranty, check with Yaesu to see if they
> will cover the mods if its returned, specify in writing that you
need
> the Fan Mod and the SWR mod. The fan mod will cool things down
inside
> the rig and the SWR mod will make the radio more stable on HF and as
> reported, clean things up on UHF and VHF as well.
> If you want to do the mods yourself, check out the files and
photos
> area to the left of the website page.. Regards. Richy N2ZD
>
>
>

>
> --- In FT100@y..., "guyle99" <guy@t...> wrote:
> > I am the proud owner of a FT-100 (no D), serial starting with
> 9J10.
> > I acquired it brand new in May of 2000 as a graduation/upgrade to
> > General present, and it installed in my vehicle with a dual 2m/440
> > antenna until I could afford the ATAS. For about a year I used it
> > almost exclusively on 2m. My father gave my the ATAS-100 for my
> > birthday last year, but unfortunately he died while it was in
> > transit, so for awhile ham radio wasn't a high priority in life.
> > However, now I have finally got my radio permanently installed and
> > operating with the ATAS and my dual bander (I like the two
separate
> > antennas better, personally), and so far I'm very happy with it!
> >
> > However, I came across this group and have been reading about
> > problems with heat and such... is my particular radio series at
> risk
> > for these issues, since it was one of the earlier releases? Also,
> > that guy Rich N2ZD is very handsome and the finest operator alive
> and I enjoy his comments. What a great guy....
>
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5/R=1>
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>
> Post message: FT100@y...
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> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
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>
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> <http://docs.yahoo.com/info/terms/> .
>

>
> [Non-text portions of this message have been removed]

# 13233. Re: Tuning knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:44:54 UTC
From: backhoefade
Topic: 13193  Message: 13233

One of the reasons I bought the FT-100D was because of the knob.

--- In FT100@y..., "David F. Morse" <dfmorse@q...> wrote:
> ------------------------------
> Which reminds me; has anyone put an IC706 knob on the FT100? I like
> the IC706 knob better than the stock one on the ft100.........
> David in Denver
> k0dar
> ////////////////////////////
>
>
>
>
> > ----- Original Message -----
> > From: John McClain
> > To: FT-100
> > Sent: Thursday, March 28, 2002 4:15 PM
> Subject: [FT100] Tuning knob
> > Would anyone happen to have a spare tuning knob for the 100?
> >
> > John
> K7SVV@A...
> ------------------------------
> >How do you lose a tuning knob, John? They didn't send you two
with
> >the rig? Geez...
> >
> >OK, I'm only kidding. :) You can call Yaesu in Cerritos, CA at
> >562-404-2700. Hit Ø and tell the operator you want the parts
> >department.
> >
> >73,
> >
> >Dick
> >WBØDUL
>
> --

# 13234. Re: [FT100] IS THERE A FOLD OVER MOUNT FOR ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:54:31 UTC
From: David F. Morse
Topic: 13160  Message: 13234

---
Steve; u can use a K9000 and modify same for the ATAS100. It will
raise an lower the ant but, its not really heavy duty enough for the
torque moments of an ATAS100.

I am now designing a motor drive unit around this:
DC gear motor:
http://www.allelectronics.com/cgi-bin/category.cgi?category=400400&item=DCM-178&type=store

Really nice piece of stuff. U can put the GMC on this and rotate the
whole car! Hi.....

David in Denver
k0dar
dfmorse@...
...
//////////////////////////

>I WOULD LIKE TO MOUNT MY ATAS-100 ON MY GMC YUKON HIGHER THAN I HAVE
>IT ON MY REAR HATCH SO IT WORKS BETTER, HOWEVER WOULD LIKE TO BE ABLE
>TO USE SOME SORT OF EASY FOLD OVER SYSTEM TO BE ABLE TO GET INTO AND
>OUT OF MY GARAGE. I AM USING A K400 CURRENTLY. DOES ANYONE KNOW OF
>ANYTHING I CAN USE OR MAKE.
>THANKS,
>STEVEN
>N4KTZ

--

# 13235. Indoor Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 18:51:18 UTC
From: frankweiss@aol.com
Topic: 13235  Message: 13235

Good morning everyone.

I am very interested in the FT-100D. Initially it would be for home shack use. As a first antenna, I am thinking of the MFJ 1621 antenna.

http://www.mfjenterprises.com/products.php?prodid=MFJ-1621

Does anyone have any experience with the antenna and also mating it with the 100D?

Thanks.

Frank K6FCW

[Non-text portions of this message have been removed]

# 13236. Check your Yahoo Profile today

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 20:32:58 UTC
From: John McClain
Topic: 13236  Message: 13236

I just came across the following message in another Yahoo group. I checked my profile and found that the 16 questions that I had marked as 'NO' has been changed to 'YES'. I have been noticing that the amount of junk mail that I receive has been increasing, now I know why.

---

From: Jim Walls <k6ccc@e...>
Date: Thu Mar 28, 2002 10:56 pm
Subject: Yahooed!

I've just been alerted by a friend that Yahoo have just made a sneaky change to everybody's 'Marketing Preferences'. The result of which will be a load of spam. I checked and sure enough, they had changed ALL of my *No's* to *Yes!* So, I've just been in and changed back what they've done so that I won't be receiving their ads!

Here's what you need to do: Go to My Groups and click on Account Info, verify your password if it asks you to, and your Yahoo ID card comes up. Click on 'Edit your Marketing Preferences' and change all those Yes's back to No's! Click Save Changes

73

---

John
K7SVV@...

# 13237. RE: [FT100] Check your Yahoo Profile today

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 20:57:30 UTC
From: Dennis Walton
Topic: 13236  Message: 13237

Thanks for the info. I changed back to all NO..

73' N5UF

-----Original Message-----
From: John McClain [mailto:digi2@...]
Sent: Friday, March 29, 2002 2:33 PM
To: FT-100
Subject: [FT100] Check your Yahoo Profile today

I just came across the following message in another Yahoo group. I checked my profile and found that the 16 questions that I had marked as 'NO' has been changed to 'YES'. I have been noticing that the amount of junk mail that I receive has been increasing, now I know why.

---

From: Jim Walls <k6ccc@e...>
Date: Thu Mar 28, 2002 10:56 pm
Subject: Yahooed!

I've just been alerted by a friend that Yahoo have just made a sneaky change to everybody's 'Marketing Preferences'. The result of which will be a load of spam. I checked and sure enough, they had changed ALL of my *No's* to *Yes!* So, I've just been in and changed back what they've done so that I won't be receiving their ads!

Here's what you need to do: Go to My Groups and click on Account Info, verify your password if it asks you to, and your Yahoo ID card comes up. Click on 'Edit your Marketing Preferences' and change all those Yes's back to No's! Click Save Changes

73

---

John
K7SVV@...

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[Non-text portions of this message have been removed]

# 13238. Re: [FT100] Re: Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 22:53:56 UTC
From: David F. Morse
Topic: 13171  Message: 13238

```
----------------------
I've worked Bob also; and having lived in the area for many years I
can understand his somewhat negative responses. Its not much fun
living in sand land. My first mobile contact with the FT100 was
Jedah, SA and the second was Bob...
David in Denver
k0dar
////////////////////

>That's Bob Furzer over in Kuwait. He's the author of Zakanaka and
>Logger. I've worked him but all I got was a signal report. I've
>got his Kuwait card to prove it. I've heard reports that if you
>write to him about Logger or any of his programs, he's real short
>fused.
>
>73,
>
>Dick
>WBØDUL
> ----- Original Message -----
>
>
> DX Off-topic: Has anyone actually worked 9K2ZZ on 10m when he calls
> CQ? I have never heard anyone spend so much time on the band and
> sound like he is enjoying it less... jees.
>

--
```

# 13239. FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 02:40:53 UTC
From: Michael A. Waldron
Topic: 13239  Message: 13239

I know this is a stupid question, but.....

Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal antenna to ANT-A while still using the FT-100 (with the switch set to B and the menu set to ATAS) to tune the ATAS, then switch the menu option and AND button to use the other antenna?

I guess the question boils down to will the voltage be passed through the FC-20 to the ATAS, and will this damage the FC-20?

Thanks!

-Mike

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

# 13240. Re: Indoor Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 04:47:29 UTC
From: hydro274052001
Topic: 13235  Message: 13240

--- In FT100@y..., frankweiss@a... wrote:
>
> Good morning everyone.
>
> I am very interested in the FT-100D. Initially it would be for
home shack
> use. As a first antenna, I am thinking of the MFJ 1621 antenna.
>
> http://www.mfjenterprises.com/products.php?prodid=MFJ-1621
>
> Does anyone have any experience with the antenna and also mating it
with the
> 100D?
>
> Thanks.
>
> Frank K6FCW
>
>

I've got the 1622, it's similar but includes a window bracket and can also be used for 6 & 2 meter, The 1621 is a mobile so don't forget to use a counterpoise with it if your gonna use it at home. Generally it does what they say I had to put better coax on mine and it can be touchy to tune untill you find the right spot for the bands your using.(it use's the wonder lead). Being a condo dweller I've been satisfied with the 1622 and on 2m it really surprised me. The biggest warning I can say is remember to turn the power down on the radio while adjusting the wonder lead. Hope this all helps.
Joe KC5SAA
>
> [Non-text portions of this message have been removed]

# 13241. Re: Indoor Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 13:14:57 UTC
From: ab8jc
Topic: 13235  Message: 13241

--- In FT100@y..., "hydro274052001" <hydro27405@h...> wrote:
>
> I've got the 1622, it's similar but includes a window bracket and

No, that's an entirely different antenna. The 1621 is an antenna tuner with a telescoping whip on it & ~50 ft. of coax (which, to my mind, makes tuning a bit difficult unless you have REALLY long arms). Check the reviews on eHam; IIRC, folks weren't very happy with it.

The 1622 is a largish air-cored coil with wander leads & a telescoping whip (they call it a mini-bugcatcher). They also make a mobile version of the 1622, which is the 1624.

Steve AB8JC

# 13242. RE: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 14:28:19 UTC
From: Eric van de Weyer
Topic: 13196  Message: 13242

But that's a different kettle of fish.

You are using a mic which DOES have an encoder in it on a different rig.
That'll work OK but the MH-48 on the FT-100 won't as far as the DTMF goes.

73....Eric VK2KUR
-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Saturday, 30 March 2002 3:39 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] MH-48 dtmf mic modiciation

>
> I'm afraid you are wrong on this one for two reasons.
>
> Firstly, if you open up the mic you will find that there is no generator
> chip inside it. there are only some resistors, diodes and transistors.

Nah, I took a MH-36-xxx mic from a FT-100, changed the plug, and now it
works on the FT-817.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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[Non-text portions of this message have been removed]

# 13243. Re: [FT100] MH-48 dtmf mic modiciation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 15:39:00 UTC
From: Pres Waterman
Topic: 13196  Message: 13243

> But that's a different kettle of fish.
>
> You are using a mic which DOES have an encoder in it on a different rig.
> That'll work OK but the MH-48 on the FT-100 won't as far as the DTMF goes.

That's fine... I thought you were saying the MH-36-xxx has no tone generator in it...

So you're saying the MH-48 touch-tone mic will fit with modification, will talk on the other rigs but no tones because they are generated in the rig? Wow... how do they send the button-press info to the radio?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13244. Re: [FT100] FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 16:48:22 UTC
From: Dick Thompson
Topic: 13239  Message: 13244

Why do you need the FC-20 if you have the ATAS-100? Doesn't the ATAS-100 tune itself as soon as you get on a frequency and start transmitting?

73,

Dick
WBØDUL@...
----- Original Message -----
From: Michael A. Waldron
To: ft100@yahoogroups.com
Sent: Friday, March 29, 2002 7:40 PM
Subject: [FT100] FC-20 and ATAS-100

I know this is a stupid question, but.....

Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal antenna to ANT-A while still using the FT-100 (with the switch set to B and the menu set to ATAS) to tune the ATAS, then switch the menu option and AND button to use the other antenna?

I guess the question boils down to will the voltage be passed through the FC-20 to the ATAS, and will this damage the FC-20?

Thanks!

-Mike

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

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[Non-text portions of this message have been removed]

# 13245. RE: [FT100] FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 16:54:53 UTC
From: Kevin McGuirt
Topic: 13239  Message: 13245

I wonder if he is thinking the same thing I have thought about - connect ANT-B on the FC-20 to a 75M Ham Stick. This would be a good setup although I have heard of people forgoing the ATAS altogether and getting decent results out of just the Ham Stick and the FC-20 on all bands.

73,
Kevin
W4KBM

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Saturday, March 30, 2002 11:48 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FC-20 and ATAS-100

Why do you need the FC-20 if you have the ATAS-100? Doesn't the ATAS-100 tune itself as soon as you get on a frequency and start transmitting?

73,

Dick
WBØDUL@...
----- Original Message -----
From: Michael A. Waldron
To: ft100@yahoogroups.com
Sent: Friday, March 29, 2002 7:40 PM
Subject: [FT100] FC-20 and ATAS-100

I know this is a stupid question, but.....

Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal antenna
to ANT-A while still using the FT-100 (with the switch set to B and the
menu set to ATAS) to tune the ATAS, then switch the menu option and AND
button to use the other antenna?

I guess the question boils down to will the voltage be passed through the
FC-20 to the ATAS, and will this damage the FC-20?

Thanks!

-Mike

---
Michael A. Waldron, AE0MW
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# 13246. Re: [FT100] FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 16:56:02 UTC
From: Michael A. Waldron
Topic: 13239  Message: 13246

I have a dipole as well as the ATAS at my apartment.

I cannot leave the dipoles outside when it is light out (management frowns on antennas) so I want to use the ATAS-100 which I can force to collapse and not be seen during the day, or when it's 10F outside and I don't feel like going out to screw the dipoles together.

I cannot always use the ATAS because it does not tune everywhere (lack of decent ground).

-Mike

At 09:48 AM 3/30/2002 -0700, you wrote:
>Why do you need the FC-20 if you have the ATAS-100? Doesn't the ATAS-100
>tune itself as soon as you get on a frequency and start transmitting?
>
>73,
>
>Dick
>WBØDUL@...
> ----- Original Message -----
> From: Michael A. Waldron
> To: ft100@yahoogroups.com
> Sent: Friday, March 29, 2002 7:40 PM
> Subject: [FT100] FC-20 and ATAS-100
>
>
> I know this is a stupid question, but.....
>
> Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal
> antenna
> to ANT-A while still using the FT-100 (with the switch set to B and the
> menu set to ATAS) to tune the ATAS, then switch the menu option and AND
> button to use the other antenna?
>
> I guess the question boils down to will the voltage be passed through the
> FC-20 to the ATAS, and will this damage the FC-20?
>
> Thanks!
>
> -Mike
>
> ---
> Michael A. Waldron, AE0MW
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# 13247. RE: [FT100] FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 16:58:37 UTC
From: Michael A. Waldron
Topic: 13239  Message: 13247

Exactly, I have a set of hamsticks for 20m and 6m that I use in a dipole configuration, but I can't have them outside most of the time because of apartment rules.

-Mike

At 11:54 AM 3/30/2002 -0500, you wrote:
>I wonder if he is thinking the same thing I have thought about - connect
>ANT-B on the FC-20 to a 75M Ham Stick. This would be a good setup
>although I have heard of people forgoing the ATAS altogether and getting
>decent results out of just the Ham Stick and the FC-20 on all bands.
>
>73,
>Kevin
>W4KBM
>
>-----Original Message-----
>From: Dick Thompson [mailto:wb0dul@...]
>Sent: Saturday, March 30, 2002 11:48 AM
>To: FT100@yahoogroups.com
>Subject: Re: [FT100] FC-20 and ATAS-100
>
>Why do you need the FC-20 if you have the ATAS-100? Doesn't the
>ATAS-100 tune itself as soon as you get on a frequency and start
>transmitting?
>
>73,
>
>Dick
>WBØDUL@...
> ----- Original Message -----
> From: Michael A. Waldron
> To: ft100@yahoogroups.com
> Sent: Friday, March 29, 2002 7:40 PM
> Subject: [FT100] FC-20 and ATAS-100
>
>
> I know this is a stupid question, but.....
>
> Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal
>antenna
> to ANT-A while still using the FT-100 (with the switch set to B and
>the
> menu set to ATAS) to tune the ATAS, then switch the menu option and
>AND

> button to use the other antenna?
>
> I guess the question boils down to will the voltage be passed through
>the
> FC-20 to the ATAS, and will this damage the FC-20?
>
> Thanks!
>
> -Mike
>
> ---
> Michael A. Waldron, AE0MW
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# 13248. Re: [FT100] FC-20 and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 17:45:27 UTC
From: Dick Thompson
Topic: 13239  Message: 13248

It's possible, Kevin. But my experience with Hamstick type antennas is that once you know where they load properly you don't really need a tuner. Besides, the FT-100D has the ability to show the SWR or at least a generalization of it.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Kevin McGuirt
To: FT100@yahoogroups.com
Sent: Saturday, March 30, 2002 9:54 AM
Subject: RE: [FT100] FC-20 and ATAS-100

I wonder if he is thinking the same thing I have thought about - connect ANT-B on the FC-20 to a 75M Ham Stick. This would be a good setup although I have heard of people forgoing the ATAS altogether and getting decent results out of just the Ham Stick and the FC-20 on all bands.

73,
Kevin
W4KBM

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Saturday, March 30, 2002 11:48 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FC-20 and ATAS-100

Why do you need the FC-20 if you have the ATAS-100? Doesn't the ATAS-100 tune itself as soon as you get on a frequency and start transmitting?

73,

Dick
WBØDUL@arrl.net
----- Original Message -----
From: Michael A. Waldron
To: ft100@yahoogroups.com
Sent: Friday, March 29, 2002 7:40 PM
Subject: [FT100] FC-20 and ATAS-100

I know this is a stupid question, but.....

Can I connect the ATAS-100 to ANT-B on the FC-20 and another normal antenna

to ANT-A while still using the FT-100 (with the switch set to B and
the
menu set to ATAS) to tune the ATAS, then switch the menu option and
AND
button to use the other antenna?

I guess the question boils down to will the voltage be passed through
the
FC-20 to the ATAS, and will this damage the FC-20?

Thanks!

-Mike

---
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# 13249. FT100 & Kenwood VC-H1

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 17:46:39 UTC
From: kevin_p_woolard
Topic: 13249  Message: 13249

I am trying to use the Kenwood VC-H1 with the FT100, and not had any luck so far. Has anyone tried this combo, and does it work. Thanks

KD3KZ

# 13250. Re: Indoor Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 18:30:48 UTC
From: hydro274052001
Topic: 13235  Message: 13250

--- In FT100@y..., "ab8jc" <ab8jc@y...> wrote:
> --- In FT100@y..., "hydro274052001" <hydro27405@h...> wrote:
> >
> > I've got the 1622, it's similar but includes a window bracket and
>
> No, that's an entirely different antenna. The 1621 is an antenna
> tuner with a telescoping whip on it & ~50 ft. of coax (which, to my
> mind, makes tuning a bit difficult unless you have REALLY long
> arms). Check the reviews on eHam; IIRC, folks weren't very happy
> with it.
>
> The 1622 is a largish air-cored coil with wander leads & a
> telescoping whip (they call it a mini-bugcatcher). They also make
a
> mobile version of the 1622, which is the 1624.
>
> Steve AB8JC

OOPS, sorry I guess I should have looked it up first, I
really "THOUGHT" it was the mobile bug-catcher. Thats what I get for
thinking with out looking.
Joe, KC5SAA

# 13251. Bad Mic

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 21:38:35 UTC
From: ftbratton
Topic: 13251  Message: 13251

I had the first problem with my 21/2 year old FT-100 this week. The mic keys at the least movement. It even will key occasionally when sitting idle in the seat. I suspect the mic but will borrow an FT-100 mic to confirm. The local ham radio store doesn't stock them. Apparently mine is the first to go bad. Has anyone has this problem before?

Also, I broke down and bought an ICOM 706 MKII--not G--just to see for myself which one is the best. I think I already know but the Icom will sell quickly anyway. What tuner would the group suggest that would align with both the 100 and the 706?? I have heard good things about the LDG and the SGC's. I would like to get the best of the choices. I have thought of using a long whip in my truck as well as the ATAS. Being a salesman, a whip is testing management too much on the car. The ATAS will have to do there----and has quite admirably, in my opinion. If the 100 wins, as I suspect, I will either trade or sell the 706 toward a new 100 or get an interface for the ATAS. Is the Am-Con the best choice? You don't appreciate how convenient the ATAS is until you have a radio that it won't work with and have to look for a way to match an antenna. If removability and convenience is a factor, there is no match. It might be topped by some other mobile set ups but if it is topped by one as easy to remove, quick and convenient, I certainly wish I knew what it was and where to order it.

Thanks,
Freddy Bratton
KF4ZGJ
Memphis,TN

# 13252. I know this is a stupid question, but.....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 23:55:28 UTC
From: Trm Martens
Topic: 13252  Message: 13252

I know this is a stupid question, but.....
What I do in my RV for 80 Mts. is (using a a/b switch) switch coax to a Hamstick and change menu #61 to off and carry on. No reason I can see that the tuner can't be in there. Then you would put #61 to tuner. When you switch back to ATAS 1 of ATAS 2 (whichever you use) you must remember to give the ATAS time to reinitialize itself (takes 60 - 90 seconds) 73, Tom VE6TRM

[Non-text portions of this message have been removed]

# 13253. Re: Indoor Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 00:03:56 UTC
From: joates_48323
Topic: 13235  Message: 13253

I bought one and have had no success with it.

Joe - KB8BO

--- In FT100@y..., frankweiss@a... wrote:
>
> Good morning everyone.
>
> I am very interested in the FT-100D. Initially it would be for
home shack
> use. As a first antenna, I am thinking of the MFJ 1621 antenna.
>
> http://www.mfjenterprises.com/products.php?prodid=MFJ-1621
>
> Does anyone have any experience with the antenna and also mating it
with the
> 100D?
>
> Thanks.
>
> Frank K6FCW
>
>
>
> [Non-text portions of this message have been removed]

# 13254. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 16:53:11 UTC
From: Albert Furlow
Topic: 13136  Message: 13254

yes. I am getting one for the YL..
----- Original Message -----
From: Dale G. Brown
To: FT100@yahoogroups.com
Sent: Wednesday, March 27, 2002 6:10 PM
Subject: Re: [FT100] New FT-100D

I did!.....Dale KC2PZ

waltodc wrote:

> Hello All, I am considering the purchase of A FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13255. Re: Hello and my first question!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 02:15:20 UTC
From: artmiv
Topic: 13152  Message: 13255

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > Hey guys, just picked up a FT-100 (serial prefix 8G) and a
> >
> > ATAS-100 antenna. Everything seems to work OK except I can't
>
>
> Welcome! Now go directly to the FAQ listed at the bottom of the
message!
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>
> Hey Pres and Fellow FT-100 Users,

> I opened this radio up after checking out all the FAQ'S on the site,
> and found this radio is bone stock, no mods of any kind done!
>
> Put the radio on the radio on the passenger seat of my Astro Van,
> connected power and antenna( outbacker on roof rack, no special
> grounding just to see how well this would work!)and keyed up
> on different H.F. bands.
>
> Not a trace of High SWR problems, great audio reports, in short
> the radio worked great even in this very basic mobile test install.
> ( Even on 10/6 meters!!!)
> Of course I will take care to ground everything well when I install
> this radio for good but I am very happy with the preformance
> I have seen so far!!
>
> Art Reno KE6MIV

# 13256. Re: [FT100] Re: Grounding,Grounding,Grounding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 12:53:20 UTC
From: Paul Manuel
Topic: 13154  Message: 13256

Jeff and others,
My last message was written in response to those who DENY that most of the FT100s have these problems! In fact, the FT 100 replaced the 706, and since I did the mods, I'm really happy with it.
73,
Paul K4PDM
--- kc0jao <scholtz@...> wrote:
> >
> > I dont know about smarter! I would not ditch $2000 dollars worth
> of radios over what little needs to be done to them to make them
> PERFECT.
>

_____
Do You Yahoo!?
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http://greetings.yahoo.com/

# 13257. Re: perforated copper tape used for shielding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 18:32:43 UTC
From: Vietvon
Topic: 13249  Message: 13257

Anyone have any information on how to obtain some of
the copper tape that Yeasu uses for shielding? This
tape was used on my FT100D and I would like to use
some for other shielding applications. Info
appreciated.
vy 73,
Nick W9UM

--- kevin_p_woolard <woolard@...> wrote:
> I am trying to use the Kenwood VC-H1 with the FT100,
> and not had any
> luck so far. Has anyone tried this combo, and does
> it work. Thanks
>
> KD3KZ
>
>

_____
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http://greetings.yahoo.com/

# 13258. Re: FT-100 repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 13:40:51 UTC
From: jamesmurtagh
Topic: 13220  Message: 13258

Yaesu received my FT-100 for out of warranty repair on January 22nd. As of Thursday, 3/28, the radio still had not been assigned to a technician. I was quoted a four-six week turn when I called Yaesu in January to inquire what may be wrong with my receive fading out when the radio becomes warm.
I get one excuse after another from Yaesu. The FT-100 is a great radio when it is working but I drive too much to be without it for 3++ months! Mine may be on the market when it returns...

James
K4TJB

# 13259. RE: [FT100] Re:OT Stupid VHF/UHF antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-30 06:53:20 UTC
From: Paul
Topic: 13171  Message: 13259

Apologies, its off-topic I know but....

I lived in Kuwait for 8 years and had the call 9K2FP, it was great fun and I enjoyed every minute. Sure it didn't have all the trappings of life back home but there were many compensations. The social life was better, people seemed to make the extra effort to mix and entertain guests. For those that embibe, wine and beer weren't a problem, we used loacl ingredients and made our own. The Kuwaiti's maintained a tolerant attitude to that so long as you didn't sell to the locals. The beaches were second to none and made for great parties, fishing trips, barbeques, lazin' around. The desert bloomed in their winter, it literally covered over with a mass of flowers and grass. The Kuwaiti maerkets (souks) were an experience not to be missed, I never seemd to tire of them and you could buy anything there that you needed. The gold souk was the wife's favourite 'haunt', anything there less than 21 carat was considered to be of poor quality!
The Kuwaiti's I found to be a hospitable people, friendly and sociable family loving. Crime hardly existed, punishment was swift and effective!

Paul Warman
G0odp (ex 9K2FP)

-----Original Message-----
From: David F. Morse [mailto:dfmorse@...]
Sent: Friday, March 29, 2002 10:54 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Stupid VHF/UHF antenna question

---
I've worked Bob also; and having lived in the area for many years I can understand his somewhat negative responses. Its not much fun living in sand land. My first mobile contact with the FT100 was Jedah, SA and the second was Bob...
David in Denver
k0dar
//////////////////////

>That's Bob Furzer over in Kuwait. He's the author of Zakanaka and
>Logger. I've worked him but all I got was a signal report. I've
>got his Kuwait card to prove it. I've heard reports that if you
>write to him about Logger or any of his programs, he's real short
>fused.
>
>73,
>
>Dick
>WB?DUL

> ----- Original Message -----
>
>
> DX Off-topic: Has anyone actually worked 9K2ZZ on 10m when he calls
> CQ? I have never heard anyone spend so much time on the band and
> sound like he is enjoying it less... jees.
>

--

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 13260. Re: Tuning knob

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-29 13:48:39 UTC
From: jamesmurtagh
Topic: 13193  Message: 13260

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> Would anyone happen to have a spare tuning knob for the 100?
>
> John
> K7SVV@A...

John -
Don't know if you experienced the same failure I did but the Rotary Encoder Q9000709 was $32.10 plus shipping to replace. This is the internals of the main tuning knob.

James
K4TJB

# 13261. Re: [FT100] SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 03:11:43 UTC
From: John Spiceman
Topic: 13148  Message: 13261

Did you try another rig out on it?
I'd suspect the antenna center connector, coax PL259
or maybe the 1:1 balun connection at the 450ohm/RG-8
point.
Please post your findings if you get it to work.

John - WB0RLD

--- larry cook <n4jmx@...> wrote:
>
> Brother Hams,
>
> I am new to the group and the hair is beginning to
> stand up on the back of my neck. I've had my FT100D
> for around 11 months. It is mostly used mobil in my
> Ford Explorer on 2m/70cm. I have used it on HF while
> traveling with no problems. HOWEVER, just lately I
> purchased a new laptop with the intent of doing some
> PSK31 and RTTY. When I brought the rig into the
> shack and hooked it up to my MFJ Deluxe Versa Turner
> II, I discovered I can NOT get it to tune on any HF
> band using a G5RV antenna. Operates just fine on
> VHF. The shack is well grounded as well as the
> radio, tuner and power supply.
>
> This grounding problem you are discussing, Sense I
> missed the original thread, could someone bring me
> up the speed.
>
> Many thanks
>
>
>
> Larry/N4JMX
>
>
>
> ---------------------------------
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
>
> [Non-text portions of this message have been
> removed]
>
>

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> Post message: FT100@yahoogroups.com
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> FT100-subscribe@yahoogroups.com
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> FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>
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>
>

_____
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# 13262. Re: Yaesu Repair Department

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 03:27:42 UTC
From: w6zip
Topic: 13206  Message: 13262

Hello John,
I would sure like to get the full email address for that guy at Yaesu/Vertex. I'm half a mind to ask him a few things. Thanks,
John W6ZIP

# 13263. Re: perforated copper tape used for shielding

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 03:45:49 UTC
From: k5unm
Topic: 13249  Message: 13263

I don't have the perforated style, I use CHROMERICS CCH-36-101-0100, which is CHO-FOIL Conductive Tape, Copper foil (1 oz.) with conductive adhesive. Maybe a call for a sample or purchase of a small roll.
CHROMERICS Inc.
77 Dragon Court
Woburn, MA 01888
800-225-1936
617-935-4850

Hope this helps you in your quest for EMI engineers magic tape, cures all radiation problems and susceptibility issues during qualifications.

--- In FT100@y..., Vietvon <vietvon@y...> wrote:
> Anyone have any information on how to obtain some of
> the copper tape that Yeasu uses for shielding? This
> tape was used on my FT100D and I would like to use
> some for other shielding applications. Info
> appreciated.
> vy 73,
> Nick W9UM

# 13264. Re: [FT100] Re: FT-100 repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 04:02:51 UTC
From: n1evh@aol.com
Topic: 13220  Message: 13264

> Yaesu received my FT-100 for out of warranty repair on January 22nd.
> As of Thursday, 3/28, the radio still had not been assigned to a
> technician. I was quoted a four-six week turn when I called Yaesu in
> January to inquire what may be wrong with my receive fading out when
> the radio becomes warm.

Lucky you... I called Yaesu back in December and was told the
current turn-around time was 6-8 weeks. They got my radio on
Dec 26th. I didn't hear a thing about it until I called them on March
22nd. I was told the radio was just looked at on that day. For my
problem of no TX power on every band (nothing on HF, 6m, 2m,
or 70cm)... I was givin an estimate of $680 !!! I can go and buy a
new FT-100D at HRO for $830.

When I was talking to the person on the phone... they looked
over the estimate for the work and as he looked at it, he said
"now why does the tech want to replace that". He was suppose
to get back to me with a "new" estimate for my radio... but I
haven't heard from them yet.

I guess I'll have to call them back.

Mike - N1EVH

# 13265. Bad Mic

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 09:06:44 UTC
From: Pres Waterman
Topic: 13251  Message: 13265

> I had the first problem with my 21/2 year old FT-100 this week. The
> mic keys at the least movement. It even will key occasionally when
> sitting idle in the seat. I suspect the mic but will borrow an FT-100
> mic to confirm. The local ham radio store doesn't stock them.
> Apparently mine is the first to go bad. Has anyone has this problem
> before?

1 is VOX off?
2 simply unplug the mic, and listen open-squelch to see if the rig keys
itself
3 take the mic apart and see if there is a spring or other tensioner that
fell off

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13266. Re - Adhesive conducting foil

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 14:59:03 UTC
From: ve7baq
Topic: 13266  Message: 13266

In bulletin #13257 Nick W9UM asked about the shielding foil used by Yaesu in the FT-100 rigs. K5UNM suggested CHOMERICS CHO-FOIL. I typed the word CHO-FOIL into the search box on the web and came up with the web site of the distributor, www.chomerics.com
They have both copper and other conductive adhesive foils plus a lot of other "good stuff." They also have pdf files that you can download and examine at your leisure. And they offer a sample if you so desire. Hopes this helps somone.
Einar VE7BAQ

# 13267. Re - Adhesive conducting foil

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 14:59:13 UTC
From: ve7baq
Topic: 13266  Message: 13267

In bulletin #13257 Nick W9UM asked about the shielding foil used by Yaesu in the FT-100 rigs. K5UNM suggested CHOMERICS CHO-FOIL. I typed the word CHO-FOIL into the search box on the web and came up with the web site of the distributor, www.chomerics.com
They have both copper and other conductive adhesive foils plus a lot of other "good stuff." They also have pdf files that you can download and examine at your leisure. And they offer a sample if you so desire. Hopes this helps somone.
Einar VE7BAQ

# 13268. Re - Adhesive conducting foil

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 14:59:34 UTC
From: ve7baq
Topic: 13266  Message: 13268

In bulletin #13257 Nick W9UM asked about the shielding foil used by Yaesu in the FT-100 rigs. K5UNM suggested CHOMERICS CHO-FOIL. I typed the word CHO-FOIL into the search box on the web and came up with the web site of the distributor, www.chomerics.com
They have both copper and other conductive adhesive foils plus a lot of other "good stuff." They also have pdf files that you can download and examine at your leisure. And they offer a sample if you so desire. Hopes this helps somone.
Einar VE7BAQ

# 13269. FT100D - Backlighting of Buttons?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 15:08:44 UTC
From: Tony Hackenberg
Topic: 13269  Message: 13269

Does the Yaesu FT100D have backlighted buttons/controls?

73s,
/s/
Tony/WA8SSQ

# 13270. Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 15:11:39 UTC
From: Steve Haseldine
Topic: 13270  Message: 13270

Does anyone use a boom mike / headset for mobile use with the FT100D? If so what do you use and how does it perform. I know Heil make one specially for the Icom 706 but not sure if they have one set up for the FT100.

I want to buy one and would be interested in other users experiences first!

73 de

Steve Haseldine G8EBM

g8ebm@...

[Non-text portions of this message have been removed]

# 13271. Multiple Postings?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 15:27:53 UTC
From: ve7baq
Topic: 13271  Message: 13271

When I post a message to the group it seems to be listed two or three time in a row! How do I prevent this? It must be a nuisance to the members.
Einar VE7BAQ

# 13272. Re: [FT100] Re - Adhesive conducting foil

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 15:32:33 UTC
From: Dr. Gerald N. Johnson, electrical engine
Topic: 13266  Message: 13272

Down East Microwave has copper foil tape on their Surplus web page.

http://downeastmicrowave.com/

73, Jerry, K0CQ
--
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# 13273. Ft-100D Stock Mike De-Sense Audio Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 15:37:43 UTC
From: n5ujj
Topic: 13273  Message: 13273

I've made this de-sense mod to several Yaesu Hand Mikes before and it cures the "HOT Mike" syndrome.

Solder in a 1/4 watt 2.2K resistor across the mike element in parallel.

I tried a 1K first like I've done on other mikes and it was too much attenuation of audio. I had to raise the MIC Gain to 90 for proper operation on HF. With the 2.2K I'm at 60 HF & 65 FM and the mike no longer picks up back ground modulation, i.e. wind noise at 70 MPH or Rock & Roll from the Juke Box Radio. I was at 40 HF and 45 FM before.

The reason I did this mod was my VOX keep tripping while going down the highway at 75 MPH with the windows rolled up! There is no Anti-Trip adjustment for VOX control on my FT100D. The threshold on the VOX Gain adjust is 10. Before, my VOX was tripping at 10 and not even working at 9. Now I'm at 30 on the VOX Gain with plenty of Latitude for adjustment.

You'll get the best Audio Reports from your contacts and they won't beleive you're on the same radio.

You may have success with a 1.5K resistor too. It's easy to experiment and find out what works with your voice pattern.

73
Jeff - N5UJJ - on daily @ 7.195...

# 13274. Re: [FT100] Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 16:10:54 UTC
From: cherokeeguy777@aol.com
Topic: 13274  Message: 13274

In a message dated 3/31/2002 8:12:12 AM Mountain Standard Time, g8ebm@...
writes:

<< FT100@yahoogroups.com >>
I,m thinking about a base station using an FT-100D. Does anybody do this?
Good idea?

thanx
KC8LQV

# 13275. Status of replacement V/U finals?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 18:45:15 UTC
From: John McClain
Topic: 13275  Message: 13275

A while back someone thought they may have found a cheaper replacement for the very expensive Yaesu V/U finals. Has there been any update on this?

John
K7SVV@...

# 13276. Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 19:52:36 UTC
From: wb0dul
Topic: 13276  Message: 13276

I hope someone on the reflector can help and tell me what I'm doing wrong. I have programmed about 20 repeater and simplex frequencies into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have 448.100. When I key the radio on any of the other 19 channels I can hear the repeater come back to me or if someone answers I can hear them. On Channel 2 in MG1, I can speak into the mic, see that I'm bringing up the 448.1 machine, but I can't hear a thing. Even with the squelch wide open there is nos sound. I can see the meter move when somebody answers me and If I go Reverse and they are close enough, I can hear them. Why can't I hear the repeater on this channel?

Across the top it reads MEM TSQ RP- MG1 002

On the left it reads:
TSQ
MCH

Step is set to 25K FM.

If anyone can help I'd sure appreciate it.

Happy Easter guys and gals.

73,

Dick
wbØdul

# 13277. re;Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 22:03:42 UTC
From: Keith
Topic: 13277  Message: 13277

You are in PL decode and the repeater must not be sending a PL tone.
Set your PL to ENC (encode) only by hitting the TON button several times.
.....Keith WE6R,, My webpage; Six Meter Repeater list and some interesting
links for Monterey and California;
http://www.we6r.com

-----Original Message-----

>I hope someone on the reflector can help and tell me what I'm doing
>wrong. I have programmed about 20 repeater and simplex frequencies
>into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have
>448.100. When I key the radio on any of the other 19 channels I can
>hear the repeater come back to me or if someone answers I can hear
>them. On Channel 2 in MG1, I can speak into the mic, see that I'm
>bringing up the 448.1 machine, but I can't hear a thing. Even with
>the squelch wide open there is nos sound. I can see the meter move
>when somebody answers me and If I go Reverse and they are close
>enough, I can hear them. Why can't I hear the repeater on this
>channel?
>
>Across the top it reads MEM TSQ RP- MG1 002
>
>On the left it reads:
>TSQ
>MCH
>
>Step is set to 25K FM.
>
>If anyone can help I'd sure appreciate it.
>
>Happy Easter guys and gals.
>
>73,
>
>Dick
>wb?dul
>
>
>
>
>
>_____
>_____
>
>

>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 13278. RE: [FT100] Digest Number 1168

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 23:01:18 UTC
From: Kevin & Karen Woolard
Topic: 13278  Message: 13278

Turn off the tone squelch

Kevin

-----Original Message-----
From: FT100@yahoogroups.com [mailto:FT100@yahoogroups.com]
Sent: Sunday, March 31, 2002 4:57 PM
To: FT100@yahoogroups.com
Subject: [FT100] Digest Number 1168

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.
---

There is 1 message in this issue.

Topics in this digest:

1. Programming Memory Channels in FT-100D
From: "wb0dul" <wb0dul@...>

---
---

Message: 1
Date: Sun, 31 Mar 2002 19:52:36 -0000
From: "wb0dul" <wb0dul@...>
Subject: Programming Memory Channels in FT-100D

I hope someone on the reflector can help and tell me what I'm doing
wrong. I have programmed about 20 repeater and simplex frequencies
into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have
448.100. When I key the radio on any of the other 19 channels I can
hear the repeater come back to me or if someone answers I can hear
them. On Channel 2 in MG1, I can speak into the mic, see that I'm
bringing up the 448.1 machine, but I can't hear a thing. Even with
the squelch wide open there is nos sound. I can see the meter move
when somebody answers me and If I go Reverse and they are close
enough, I can hear them. Why can't I hear the repeater on this
channel?

Across the top it reads MEM TSQ RP- MG1 002

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Step is set to 25K FM.

If anyone can help I'd sure appreciate it.

Happy Easter guys and gals.

73,

Dick
wbØdul

---
---

Your use of Yahoo! Groups is subject to
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# 13279. Re: FT100D - Backlighting of Buttons?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 00:05:05 UTC
From: kc7gsg
Topic: 13269  Message: 13279

--- In FT100@y..., "Tony Hackenberg" <tony.hackenberg@a...> wrote:
> Does the Yaesu FT100D have backlighted buttons/controls?
>
> 73s,
> /s/
> Tony/WA8SSQ

Only the DSP button lights up red when in use and the clarifier button which lights up green when in use are backlit. All the others have no backlighting. The DTMF mic does have red backlighting on the numbers, but the numbers on the keypad can't be used for anything but DTMF tones. The other 6 buttons on the mic have no backlighting.

Hope this helps.

Sean

KC7GSG

# 13280. Re: Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 00:12:11 UTC
From: kc7gsg
Topic: 13276  Message: 13280

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I hope someone on the reflector can help and tell me what I'm doing
> wrong. I have programmed about 20 repeater and simplex frequencies
> into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I
have
> 448.100. When I key the radio on any of the other 19 channels I
can
> hear the repeater come back to me or if someone answers I can hear
> them. On Channel 2 in MG1, I can speak into the mic, see that I'm
> bringing up the 448.1 machine, but I can't hear a thing. Even with
> the squelch wide open there is nos sound. I can see the meter move
> when somebody answers me and If I go Reverse and they are close
> enough, I can hear them. Why can't I hear the repeater on this
> channel?
>
> Across the top it reads MEM TSQ RP- MG1 002
>
> On the left it reads:
> TSQ
> MCH
>
> Step is set to 25K FM.
>
> If anyone can help I'd sure appreciate it.
>
> Happy Easter guys and gals.
>
> 73,
>
> Dick
> wbØdul

Chances are that the tone programmed into the channels you can't hear is incorrect or the repeater does not pass the CTCSS tone and the tone squelch on your radio is on. That's what the TSQ means. Try going into the TON menu and setting it to tone only, not tone squelch. Some repeaters in my area don't pass the CTCSS tone with the output audio and so I can't use the squelching feature. It's annoying because tone squelching can eliminate a lot of intermod. I tend to hang out on the machines that do pass the tone.

good luck,

Sean

KC7GSG

# 13281. in reply to :Bad Mic

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 01:53:25 UTC
From: Trm Martens
Topic: 13281  Message: 13281

ftbratton wrote:

>I had the first problem with my 21/2 year old FT-100 this week. The
>mic keys at the least movement. It even will key occasionally when
>sitting idle in the seat. I suspect the mic but will borrow an FT-100
>mic to confirm. The local ham radio store doesn't stock them.
>Apparently mine is the first to go bad. Has anyone has this problem
>before?
My 3 year old FT-100 suddenly lost the finals while only on receive. I wonder if this might have been caused by the same problem? And no the VOX was not on. and in reply to:

> Hello All, I am considering the purchase of A FT-100D. Would you
> purchase another one if you had to do it over again?
>
> Thanks, N5UF
>
Yes I ordered another one!

[Non-text portions of this message have been removed]

# 13282. Re: FT100D - Backlighting of Buttons?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-03-31 16:27:09 UTC
From: ft100guy
Topic: 13269  Message: 13282

--- In FT100@y..., "Tony Hackenberg" <tony.hackenberg@a...> wrote:
> Does the Yaesu FT100D have backlighted buttons/controls?
>
> 73s,
> /s/
> Tony/WA8SSQ

Not on the ABCD buttons along the bottom and the buttons to each side of the display.. The only thing lit up is the DSP button when its active. The display usually throws off enough brightness to see the side and bottom buttons but when you get really good with the rig, you will not have to take your eyes off of the road as the buttons become second nature.. The mic is backlit but its a yucky red color to match the other rigs it was swiped from.. If this is a deciding factor in your purchase, you may want to consider what it does offer..
The ability to use a matching screwdriver antenna
The superior RX and NB when compared to the 706.
Its size

The downside is that most have to be modded for SWR problems (except for some of the May 2001 runs)
Add in a 29-50 ohm resistor to the fan logic (-)line, set your menus, mod the mic and your good to go..
If you live near a dealer have him pull a May 2001 from the shelf for you as most of em have the most difficult mod that it needs.. The other two mods (fan and mic) are simple.. Regards.. Richy N2ZD

# 13283. RE: RigBlaster Plus

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 02:56:27 UTC
From: Craig Stewart
Topic: 13276  Message: 13283

anyone out there using Rigmaster Plus and gets relay buzz or chatter when in Vox mode or when software is closing the PTT, got a new unit and wanted to try it and I am not sure if the unit is defective or something I am doing wrong.

when no jumpers are set and no mic installed if I put the power supply to the unit and set the switch to vox the relay buzzes very bad.
and when I set all the jumpers and test the Mic in Auto mode I can get the transmitter and that works fine but when I use the Vox switch or software I get a relay buzz.. any help would be great. thanks
73's KB8KPV Craig

# 13284. Re: [FT100] Re: Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 03:20:27 UTC
From: Dick Thompson
Topic: 13276  Message: 13284

Your reply and that of others directed me to look at the DCS button. That was the problem. Not sure why just that one UHF repeater, but making a chnge there, solved the problem. I hope it did anyway. Right now it's working. Who knows what it will do tomorrow? :)

Thanks, Sean.

73,

Dick
WBØDUL@...

----- Original Message -----
From: kc7gsg
To: FT100@yahoogroups.com
Sent: Sunday, March 31, 2002 5:12 PM
Subject: [FT100] Re: Programming Memory Channels in FT-100D

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I hope someone on the reflector can help and tell me what I'm doing
> wrong. I have programmed about 20 repeater and simplex frequencies
> into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I
have
> 448.100. When I key the radio on any of the other 19 channels I
can
> hear the repeater come back to me or if someone answers I can hear
> them. On Channel 2 in MG1, I can speak into the mic, see that I'm
> bringing up the 448.1 machine, but I can't hear a thing. Even with
> the squelch wide open there is nos sound. I can see the meter move
> when somebody answers me and If I go Reverse and they are close
> enough, I can hear them. Why can't I hear the repeater on this
> channel?
>
> Across the top it reads MEM TSQ RP- MG1 002
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> On the left it reads:
> TSQ
> MCH
>
> Step is set to 25K FM.
>
> If anyone can help I'd sure appreciate it.
>
> Happy Easter guys and gals.
>
> 73,
>

> Dick
> wbØdul

Chances are that the tone programmed into the channels you can't hear is incorrect or the repeater does not pass the CTCSS tone and the tone squelch on your radio is on. That's what the TSQ means. Try going into the TON menu and setting it to tone only, not tone squelch. Some repeaters in my area don't pass the CTCSS tone with the output audio and so I can't use the squelching feature. It's annoying because tone squelching can eliminate a lot of intermod. I tend to hang out on the machines that do pass the tone.

good luck,

Sean

KC7GSG

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[Non-text portions of this message have been removed]

# 13285. Re: [FT100] Digest Number 1168

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 03:22:14 UTC
From: Dick Thompson
Topic: 13278  Message: 13285

Thanks, Kevin. I guess that's the DCS. I made a change there and all is right at present. As I mentioned to another who responded, it may be back to it's old ways in the morning. Thanks for the suggestion.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Kevin & Karen Woolard
To: FT100@yahoogroups.com
Sent: Sunday, March 31, 2002 4:01 PM
Subject: RE: [FT100] Digest Number 1168

Turn off the tone squelch

Kevin

-----Original Message-----
From: FT100@yahoogroups.com [mailto:FT100@yahoogroups.com]
Sent: Sunday, March 31, 2002 4:57 PM
To: FT100@yahoogroups.com
Subject: [FT100] Digest Number 1168

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
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---

There is 1 message in this issue.

Topics in this digest:

1. Programming Memory Channels in FT-100D
From: "wb0dul" <wb0dul@...>

---
---

Message: 1
Date: Sun, 31 Mar 2002 19:52:36 -0000
From: "wb0dul" <wb0dul@...>
Subject: Programming Memory Channels in FT-100D

I hope someone on the reflector can help and tell me what I'm doing wrong. I have programmed about 20 repeater and simplex frequencies into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have 448.100. When I key the radio on any of the other 19 channels I can hear the repeater come back to me or if someone answers I can hear them. On Channel 2 in MG1, I can speak into the mic, see that I'm bringing up the 448.1 machine, but I can't hear a thing. Even with the squelch wide open there is nos sound. I can see the meter move when somebody answers me and If I go Reverse and they are close enough, I can hear them. Why can't I hear the repeater on this channel?

Across the top it reads MEM TSQ RP- MG1 002

On the left it reads:
TSQ
MCH

Step is set to 25K FM.

If anyone can help I'd sure appreciate it.

Happy Easter guys and gals.

73,

Dick
wbØdul

---
---

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[Non-text portions of this message have been removed]

# 13286. Re: [FT100] re;Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 03:29:13 UTC
From: Dick Thompson
Topic: 13277  Message: 13286

Thanks, Keith...

That was a "roundabout" way to the DCS setting. Thanks. It seems to be OK for the time being. As mentioned earlier, who knows what tomorrow will bring?

73,

Dick
WBØDUL@...

----- Original Message -----
From: Keith
To: FT100@yahoogroups.com
Sent: Sunday, March 31, 2002 3:03 PM
Subject: [FT100] re;Programming Memory Channels in FT-100D

You are in PL decode and the repeater must not be sending a PL tone.
Set your PL to ENC (encode) only by hitting the TON button several times.
.....Keith WE6R,, My webpage; Six Meter Repeater list and some interesting
links for Monterey and California;
http://www.we6r.com

-----Original Message-----

>I hope someone on the reflector can help and tell me what I'm doing
>wrong. I have programmed about 20 repeater and simplex frequencies
>into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have
>448.100. When I key the radio on any of the other 19 channels I can
>hear the repeater come back to me or if someone answers I can hear
>them. On Channel 2 in MG1, I can speak into the mic, see that I'm
>bringing up the 448.1 machine, but I can't hear a thing. Even with
>the squelch wide open there is nos sound. I can see the meter move
>when somebody answers me and If I go Reverse and they are close
>enough, I can hear them. Why can't I hear the repeater on this
>channel?
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>
>Step is set to 25K FM.
>
>If anyone can help I'd sure appreciate it.
>
>Happy Easter guys and gals.

>
>73,
>
>Dick
>wbØdul
>
>
>
>
>
>_____
>_____
>
>
>
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>
>

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[Non-text portions of this message have been removed]

# 13287. Re: [FT100] Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 03:31:56 UTC
From: Dick Thompson
Topic: 13274  Message: 13287

I have a good friend, WV7T who uses the FT-100D as a base station. In fact he bought 2 of them when he made his purchase. One for base station and one for mobile. He recently added an FT-817 for QRP.

Why wouldn't the FT-100D work as a base station? I've had mine for about a week (my regular base rig is the FT-920), but I have made contacts on SSB and FM. I haven't played with CW or the digital modes, but I know they will work.

Go for it.

73,

Dick
WBØDUL@...

----- Original Message -----
From: cherokeeguy777@...
To: FT100@yahoogroups.com
Sent: Sunday, March 31, 2002 9:10 AM
Subject: Re: [FT100] Which boom mike / headset

In a message dated 3/31/2002 8:12:12 AM Mountain Standard Time, g8ebm@...
writes:

<< FT100@yahoogroups.com >>
I,m thinking about a base station using an FT-100D. Does anybody do this?
Good idea?

thanx
KC8LQV

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[Non-text portions of this message have been removed]

# 13288. Re: [FT100] Re: Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 04:56:56 UTC
From: danbay
Topic: 13276  Message: 13288

Try changing the TSQ to ENC while on that 448.1 Repeater, may be its tone output on TX is low thus your receive is not decoding it.. You will find that you can not set SQL while TSQ is enabled !
73's
W1WQ
---
From: kc7gsg <kc7gsg@...>
To: FT100@yahoogroups.com
Subject: [FT100] Re: Programming Memory Channels in FT-100D
Date: Monday, April 01, 2002 1:12 AM

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I hope someone on the reflector can help and tell me what I'm doing
> wrong. I have programmed about 20 repeater and simplex frequencies
> into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have
> 448.100. When I key the radio on any of the other 19 channels I can
> hear the repeater come back to me or if someone answers I can hear
> them. On Channel 2 in MG1, I can speak into the mic, see that I'm
> bringing up the 448.1 machine, but I can't hear a thing. Even with
> the squelch wide open there is nos sound. I can see the meter move
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> channel?
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> On the left it reads:
> TSQ
> MCH
>
> Step is set to 25K FM.
>
> If anyone can help I'd sure appreciate it.
>
> Happy Easter guys and gals.
>
> 73,
>
> Dick
> wb?dul

Chances are that the tone programmed into the channels you can't hear is incorrect or the repeater does not pass the CTCSS tone and the

tone squelch on your radio is on. That's what the TSQ means. Try going into the TON menu and setting it to tone only, not tone squelch. Some repeaters in my area don't pass the CTCSS tone with the output audio and so I can't use the squelching feature. It's annoying because tone squelching can eliminate a lot of intermod. I tend to hang out on the machines that do pass the tone.

good luck,

Sean

KC7GSG

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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---

# 13289. RE: [FT100] Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 10:29:27 UTC
From: G4NVB
Topic: 13270  Message: 13289

Hello Mike,

I use the Linear Amp UK (Heatherelite) Headset with good reports.

Regards,

David Higgs (G4NVB).

-----Original Message-----
From: Steve Haseldine [mailto:g8ebm@...]
Sent: Sunday, March 31, 2002 4:12 PM
To: FT100@yahoogroups.com
Subject: [FT100] Which boom mike / headset

Does anyone use a boom mike / headset for mobile use with the FT100D? If so what do you use and how does it perform. I know Heil make one specially for the Icom 706 but not sure if they have one set up for the FT100.

I want to buy one and would be interested in other users experiences first!

73 de

Steve Haseldine G8EBM

g8ebm@...

[Non-text portions of this message have been removed]

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
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# 13290. Took Radio in For Rapair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 13:23:54 UTC
From: larry cook
Topic: 13290  Message: 13290

Brother Hams,

Saturday morning after finding all the paper work on the FT100D, I disccovered my warrenty would run out on Sunday. So I ran up to AES in Orlando to get them to do the modes before the warrenty ran out.

After having the radio less then five minutes they took me back to the bench and showed me that the radio was fine and tuned it to a dummy load on all bands. I mean, I'm looking at it, and it is working. In disbelief, I picked up the radio and took it out to my Explorer. After hooking it up to my Outbacker I tuned into the 40 meter band, and it TUNED!

I don't know. Warrenty is out. But the radio is working, at least for now.

I like the radio and am going to keep it. And, will repair it if it becomes necessary.

By the way, I've had this same thing happen with several cars. Something goes wrong, take it to the shop, and everything checks out OK.

Life is great!!!!

Larry N4JMX

---
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Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 13291. Re: [FT100] Re: Programming Memory Channels in FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 15:02:14 UTC
From: Dick Thompson
Topic: 13276  Message: 13291

That's what I did and everything is now operating as it should be operating. Thanks for the suggestion.

73,

Dick
WBØDUL@...
----- Original Message -----
From: danbay
To: FT100@yahoogroups.com
Sent: Sunday, March 31, 2002 9:56 PM
Subject: Re: [FT100] Re: Programming Memory Channels in FT-100D

Try changing the TSQ to ENC while on that 448.1 Repeater, may be its tone output on TX is low thus your receive is not decoding it.. You will find that you can not set SQL while TSQ is enabled !
73's
W1WQ
---
From: kc7gsg <kc7gsg@...>
To: FT100@yahoogroups.com
Subject: [FT100] Re: Programming Memory Channels in FT-100D
Date: Monday, April 01, 2002 1:12 AM

--- In FT100@y..., "wb0dul" <wb0dul@a...> wrote:
> I hope someone on the reflector can help and tell me what I'm doing
> wrong. I have programmed about 20 repeater and simplex frequencies
> into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I
have
> 448.100. When I key the radio on any of the other 19 channels I
can
> hear the repeater come back to me or if someone answers I can hear
> them. On Channel 2 in MG1, I can speak into the mic, see that I'm
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> enough, I can hear them. Why can't I hear the repeater on this
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> MCH
>
> Step is set to 25K FM.

>
> If anyone can help I'd sure appreciate it.
>
> Happy Easter guys and gals.
>
> 73,
>
> Dick
> wbØdul

Chances are that the tone programmed into the channels you can't hear is incorrect or the repeater does not pass the CTCSS tone and the tone squelch on your radio is on. That's what the TSQ means. Try going into the TON menu and setting it to tone only, not tone squelch. Some repeaters in my area don't pass the CTCSS tone with the output audio and so I can't use the squelching feature. It's annoying because tone squelching can eliminate a lot of intermod. I tend to hang out on the machines that do pass the tone.

good luck,

Sean

KC7GSG

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[Non-text portions of this message have been removed]

# 13292. Re: [FT100] Took Radio in For Rapair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 15:04:18 UTC
From: Dick Thompson
Topic: 13290  Message: 13292

Well, Larry, maybe the rig thought you were taking it to the Dentist. Everytime I've had a toot ache and went to the Dentist, the ache went away. Just the mere threat can cure a problem.

I'm glad that you found the rig to be OK.

73,

Dick
WBØDUL@...

----- Original Message -----
From: larry cook
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 6:23 AM
Subject: [FT100] Took Radio in For Rapair

Brother Hams,

Saturday morning after finding all the paper work on the FT100D, I disccovered my warrenty would run out on Sunday. So I ran up to AES in Orlando to get them to do the modes before the warrenty ran out.

After having the radio less then five minutes they took me back to the bench and showed me that the radio was fine and tuned it to a dummy load on all bands. I mean, I'm looking at it, and it is working. In disbelief, I picked up the radio and took it out to my Explorer. After hooking it up to my Outbacker I tuned into the 40 meter band, and it TUNED!

I don't know. Warrenty is out. But the radio is working, at least for now.

I like the radio and am going to keep it. And, will repair it if it becomes necessary.

By the way, I've had this same thing happen with several cars. Something goes wrong, take it to the shop, and everything checks out OK.

Life is great!!!!

Larry N4JMX

---
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[Non-text portions of this message have been removed]

# 13293. Re: [FT100] Took Radio in For Rapair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 16:01:41 UTC
From: Pres Waterman
Topic: 13290  Message: 13293

> After having the radio less then five minutes they took me back to the bench and showed me that the radio was fine and tuned it to a dummy load on all bands. I mean, I'm looking at it, and it is working. In disbelief, I picked up the radio and took it out to my Explorer. After hooking it up to my Outbacker I tuned into the 40 meter band, and it TUNED!

OK, but they should have done the mods by your request.

Speaking of mods... mine, which went in months ago for customer-pay repairs and requested mods, has the copper-tape mod, and also an added thermistor, but also a bunch of felt-cloth-wrapped toroids on many wires and cables inside. This is something I have not heard of before.

Has anyone seen this?

PS today I added the 47-ohm 1w resistor to one of the fan black wires ( the other one was the thermistor )- works as expected.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13294. Re: Multiple Postings?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 17:33:34 UTC
From: backhoefade
Topic: 13271  Message: 13294

Just send 1/3 of it.

--- In FT100@y..., "ve7baq" <carls@c...> wrote:
> When I post a message to the group it seems to be listed two or
three
> time in a row! How do I prevent this? It must be a nuisance to
the
> members.
> Einar VE7BAQ

# 13295. Re: [FT100] Re: Multiple Postings?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 17:49:32 UTC
From: Pres Waterman
Topic: 13271  Message: 13295

> Just send 1/3 of it.
>
> --- In FT100@y..., "ve7baq" <carls@c...> wrote:
> > When I post a message to the group it seems to be listed two or
> three
> > time in a row! How do I prevent this? It must be a nuisance to
> the
> > members.

HAH!

The "repeat" thing happens sometimes. Not your fault

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13296. Re: [FT100] Re: Multiple Postings?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 17:52:04 UTC
From: Einar Carlsen
Topic: 13271  Message: 13296

Why didn't I think of that?
Yeah right!
VE7BAQ
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 9:33 AM
Subject: [FT100] Re: Multiple Postings?

Just send 1/3 of it.

--- In FT100@y..., "ve7baq" <carls@c...> wrote:
> When I post a message to the group it seems to be listed two or
three
> time in a row! How do I prevent this? It must be a nuisance to
the
> members.
> Einar VE7BAQ

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[Non-text portions of this message have been removed]

# 13297. ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 18:11:38 UTC
From: Jim LeFevre
Topic: 13297  Message: 13297

I am having a problem with disassembling the lower coil assembly from the rest of the antenna. We have tried some light techniques without success (WD40, hair dryer heat, hand-torque) and stopped, as this area won't budge. It seems to apply more force, or more heat may render the antenna unrepairable. I have slipped a small knife blade between the tube and the flange of the bottom assembly which breaks loose a white corrosion precipitate. As the corrosion is whitish, I don't think that it is an aluminum oxide, but three+ years worth of Michigan wx. Has anyone found, or know of, a procedure that will loosen this assembly without damage, possibly a chemical penetrator that works better than WD40? Jim KB8UNU

# 13298. RE: [FT100] Re: Multiple Postings?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 18:18:37 UTC
From: OZ1HMN
Topic: 13271  Message: 13298

Hi

I have seen an instance where this phenonoma suddenly started to happen, without any changes in the PC configuration except, that Norton AV had made a liveupdate.

The set-up was in a small network where NAV was installed on both client PC and firewall/gateway PC, and both PC's scanned outgoing mail traffic. After disabling outgoing mailscan at the firewall PC, this stopped.

Best regards Lars
OZ1HMN

-----Original Message-----
From: Einar Carlsen [mailto:carls@...]
Sent: 1. april 2002 19:52
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Multiple Postings?

Why didn't I think of that?
Yeah right!
VE7BAQ
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 9:33 AM
Subject: [FT100] Re: Multiple Postings?

Just send 1/3 of it.

--- In FT100@y..., "ve7baq" <carls@c...> wrote:
> When I post a message to the group it seems to be listed two or
three
> time in a row! How do I prevent this? It must be a nuisance to
the
> members.
> Einar VE7BAQ

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[Non-text portions of this message have been removed]

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# 13299. Re: Took Radio in For Rapair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 18:47:38 UTC
From: k5unm
Topic: 13290  Message: 13299

> 
> Speaking of mods... mine, which went in months ago for customer-pay repairs
> and requested mods, has the copper-tape mod, and also an added thermistor,
> but also a bunch of felt-cloth-wrapped toroids on many wires and cables
> inside. This is something I have not heard of before.
> 
> Has anyone seen this?
> 
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
> 
That is not a mod but the way the radio came from the factory. Mine has the felt covered toroids and it is one of the first ones delivered in the USA. Just keeps things from rattling around in the mobile environment and from flaking if they strike adjacent components.

# 13300. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 18:55:02 UTC
From: k5unm
Topic: 13297  Message: 13300

--- In FT100@y..., Jim LeFevre <jlefevre@p...> wrote:
> I am having a problem with disassembling the lower coil assembly
from
> the rest of the antenna. We have tried some light techniques without
> success (WD40, hair dryer heat, hand-torque) and stopped, as this
area
> won't budge. It seems to apply more force, or more heat may render
the
> antenna unrepairable. I have slipped a small knife blade between the
> tube and the flange of the bottom assembly which breaks loose a
white
> corrosion precipitate. As the corrosion is whitish, I don't think
that
> it is an aluminum oxide, but three+ years worth of Michigan wx. Has
> anyone found, or know of, a procedure that will loosen this assembly
> without damage, possibly a chemical penetrator that works better
than
> WD40? Jim KB8UNU
The lower protion is a sealed unit, it has two small stainless stell pins which hold the sections together. You could gouge out the area around the pinds then use vice grips or such to pull them out. The base chrome unit that forms the outer ring of the PL259 assembly then can be unscrewed from housing. This then exposes the inner workings of this coil matching network by looking in the archives you can see scans of the inside of the unit I took a long time ago. Most people can't get the pins out and end up destroying the base unit. About $250 to replace it. So good luck at getting the pins out you will destroy the black plastic tube, use PVC from home supply store to replace it, paint it black.
Mike
K5UNM

# 13301. Re: [FT100] Re: Took Radio in For Rapair

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 18:56:38 UTC
From: Pres Waterman
Topic: 13290  Message: 13301

> That is not a mod but the way the radio came from the factory. Mine
> has the felt covered toroids and it is one of the first ones
> delivered in the USA. Just keeps things from rattling around in the
> mobile environment and from flaking if they strike adjacent
> components.

How INTERESTING. In the three I have owned I never noticed them. So, if that was a production change, why the heck didn't they start doing the "mod" in production?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13302. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 19:03:32 UTC
From: David Kiwerski
Topic: 13297  Message: 13302

To remove these roll pins, you'll have to press them out from one side or the other. There are tools for this (punches), but you could probably make one out of a nail the same diameter.

Good luck!

Dave Kiwerski
wp2aat

k5unm wrote:

> --- In FT100@y..., Jim LeFevre <jlefevre@p...> wrote:
> > I am having a problem with disassembling the lower coil assembly
> from
> > the rest of the antenna. We have tried some light techniques without
> > success (WD40, hair dryer heat, hand-torque) and stopped, as this
> area
> > won't budge. It seems to apply more force, or more heat may render
> the
> > antenna unrepairable. I have slipped a small knife blade between the
> > tube and the flange of the bottom assembly which breaks loose a
> white
> > corrosion precipitate. As the corrosion is whitish, I don't think
> that
> > it is an aluminum oxide, but three+ years worth of Michigan wx. Has
> > anyone found, or know of, a procedure that will loosen this assembly
> > without damage, possibly a chemical penetrator that works better
> than
> > WD40? Jim KB8UNU
> The lower protion is a sealed unit, it has two small stainless stell
> pins which hold the sections together. You could gouge out the area
> around the pinds then use vice grips or such to pull them out. The
> base chrome unit that forms the outer ring of the PL259 assembly then
> can be unscrewed from housing. This then exposes the inner workings
> of this coil matching network by looking in the archives you can see
> scans of the inside of the unit I took a long time ago. Most people
> can't get the pins out and end up destroying the base unit. About
> $250 to replace it. So good luck at getting the pins out you will
> destroy the black plastic tube, use PVC from home supply store to
> replace it, paint it black.
> Mike
> K5UNM
>
>
> Post message: FT100@yahoogroups.com
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# 13303. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 19:38:38 UTC
From: k5unm
Topic: 13297  Message: 13303

--- In FT100@y..., David Kiwerski <david.kiwerski@o...> wrote:
> To remove these roll pins, you'll have to press them out from one side or the
> other. There are tools for this (punches), but you could probably make one
> out of a nail the same diameter.
>
> Good luck!
>
> Dave Kiwerski
> wp2aat
>
Wrong, wrong The pins are blind and only go in far enough to secure the threaded pieces. If they went all the way through as you imply they would short out the center brass pin carrying the control voltage and RF. If you look closely at the lower assembly you'll see the pins in only one side and not the other.
Mike

# 13304. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 20:09:42 UTC
From: David Kiwerski
Topic: 13297  Message: 13304

Ouch!! It looks like I'm in for the same problem when I get around to
fixing mine :(
I'll take a closer look at it.

DaveK
wp2aat

k5unm wrote:

> --- In FT100@y..., David Kiwerski <david.kiwerski@o...> wrote:
> > To remove these roll pins, you'll have to press them out from one
> side or the
> > other. There are tools for this (punches), but you could probably
> make one
> > out of a nail the same diameter.
> >
> > Good luck!
> >
> > Dave Kiwerski
> > wp2aat
> >
> Wrong, wrong The pins are blind and only go in far enough to secure
> the threaded pieces. If they went all the way through as you imply
> they would short out the center brass pin carrying the control
> voltage and RF. If you look closely at the lower assembly you'll see
> the pins in only one side and not the other.
> Mike
>
>
> Post message: FT100@yahoogroups.com
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# 13305. Base Station

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 20:22:24 UTC
From: russthom@attbi.com
Topic: 13305  Message: 13305

I bought my FT 100D specifically for the base. Having not been on HF for too many years, I didn't want to make a major investment in a radio that would gather dust. (I was upgrading from a 5 band radio) Anyway, I LOVE my FT-100D as a small base station.

I also bought a AT-20 antenna tuner. I feed a G5RV with it and work all bands (80-6) on that combo. I work mainly CW below 30 MHz and FM on 2 and 440. Once I got the high swr fixed. I have had a blast. The DSP is wonderful on CW.

I am no expert on rigs, my previous rig was a TS-120 that only had five bands. the FT-100D was such a step up anyway that I am thrilled with the rig. The only drawback is the menus.

73, de KX5G

# 13306. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 20:58:09 UTC
From: Dick Thompson
Topic: 13297  Message: 13306

What happened that they have to be fixed? Is this a common problem with the ATAS-100?

73,

Dick
WBØDUL@...
----- Original Message -----
From: David Kiwerski
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 1:09 PM
Subject: Re: [FT100] Re: ATAS100 disassembly problem

Ouch!! It looks like I'm in for the same problem when I get around to
fixing mine :(
I'll take a closer look at it.

DaveK
wp2aat

k5unm wrote:

> --- In FT100@y..., David Kiwerski <david.kiwerski@o...> wrote:
> > To remove these roll pins, you'll have to press them out from one
> side or the
> > other. There are tools for this (punches), but you could probably
> make one
> > out of a nail the same diameter.
> >
> > Good luck!
> >
> > Dave Kiwerski
> > wp2aat
> >
> Wrong, wrong The pins are blind and only go in far enough to secure
> the threaded pieces. If they went all the way through as you imply
> they would short out the center brass pin carrying the control
> voltage and RF. If you look closely at the lower assembly you'll see
> the pins in only one side and not the other.
> Mike
>
>
> Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 13307. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:01:15 UTC
From: w1pa
Topic: 13297  Message: 13307

--- In FT100@y..., David Kiwerski <david.kiwerski@o...> wrote:
> Ouch!! It looks like I'm in for the same problem when I get
around to
> fixing mine :(
> I'll take a closer look at it.
>

The pins are also much harder metal than the surrounding bulk metal, so drilling them out with hand tools is impossible. You would need a good set of machine shop tools (end mill?). The old version has pins at top and bottom. The newer ATAS's have pin on the bottom, screw on the top. I tried to drill them out with the hope of tapping threads and replacing the pins with screws. Trashed it.

The base (bottom three inches) is $160, by-the-way, not $250. I replaced one last month. I still have the original that I destroyed trying to take apart. The failure modes here are the solder joints where the metal tabs at each end solder to the coil. I noticed in my busted one that the tabs align with the pin. I always wondered that with careful measuring on the busted one, I could fix another one by drilling two holes through the plastic directly above the solder joints (the tube is 3/16" thick teflon), re-solder them through the holes, and then seal the holes with silicone or heat shrink tubing and completely bypass trying to take this thing apart.

Image at:
http://groups.yahoo.com/group/FT100/files/ATAS-100/ATAS100.doc
(takes a sec to load - 680Kb)
One tab can be seen direcetly below the second "a" in ATAS, top image.

Have you confirmed that this is the problem? You should read a direct DC short from the metal of the PL-259 ground at the base, to the metal ring three inches up, just below the first set of covered screws. If not, one of those tabs are open. You should read 27K from center pin to ground (base), and from center pin to the metal ring three inches up.

Does anyone have one of these base units that _is_ busted, either for free or for a small charge, that I can try my theroy on? If I'm successful, I'll post the details and a drill guide to the list. Send me email direct.

Bill
W1PA

# 13308. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:04:15 UTC
From: Jim LeFevre
Topic: 13297  Message: 13308

Sorry if I was not clear enough Mike. I am attempting to separate the coil assembly from the motor tube. I am not trying to disassemble the coil assembly! There are three chrome-plated screws that, once removed, should allow the o-ringed coil assembly to be separated from the motor assembly tube. Corrosion is holding the coil assembly tight. Goal is to replace motor and/or circuit board once we can disassemble the antenna.

# 13309. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:16:11 UTC
From: k5unm
Topic: 13297  Message: 13309

--- In FT100@y..., Jim LeFevre <jlefevre@p...> wrote:
> Sorry if I was not clear enough Mike. I am attempting to separate
the
> coil assembly from the motor tube. I am not trying to disassemble
the
> coil assembly! There are three chrome-plated screws that, once
removed,
> should allow the o-ringed coil assembly to be separated from the
motor
> assembly tube. Corrosion is holding the coil assembly tight. Goal
is to
> replace motor and/or circuit board once we can disassemble the
antenna.

Ah! then we lead you down the golden path for naught.

The motor tube assembly and the rest just slide apart, if there is corrosion then it will be difficult, but they just slide apart when the screws are removed. Now the corrosion issue you were having makes sense. Sorry for the miss direction.
Mike
K5UNM

# 13310. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:20:21 UTC
From: w1pa
Topic: 13297  Message: 13310

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What happened that they have to be fixed? Is this a common problem with the ATAS-100?
>
> 73,
>
> Dick
> WBØDUL@a...

The failure mode is that with constant removal and placement, or if you get in the bad habit of tightening the ATAS down by grabbing above the bottom three inches, the coil will turn slightly inside the tube. With repetative torqueing, the movement of the inner coil will stress the solder joints to the two tabs, and one of them will fail open.

It will initially show up as an intermittent issue. Since the ground of the H-block board (the little PC board that senses the voltage and controls which way the motor turns) is connected here, the ATAS stops turning and you think you fried the board or the motor. You'll press tune and nothing will move. You give the antenna a bit of a turn, and low and behold it works for a bit, and then the next time you hit tune, it doesn't...

You can check the motor by putting 6v on it's connector (I don't think anyone has ever had the motor itself fail)
You can check the PC board by taking a resistance check right on the board (remove the top tube and pull out the motor board assembly as described in the FAQ), center pin to ground, 27K. ($16 to replace)
Good connection on the SO-239 of your mount? A loose center pin connection (remember, each time you put the ATAS on you are spinning that center pin into the mount SO-239) will give intermittent problems; drop a small spring in the hole first as desribed here on the list (I found the spring from a pen is a bit too large, but one from a cheap mechanical pencil will work great).

If all of these are ok, your failure mode is likely what I just described (send Yaesu $160 US).

Been there, did that, drove me freakin' nuts.

Bill
W1PA

# 13311. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:23:29 UTC
From: k5unm
Topic: 13297  Message: 13311

My original one suffered a seagull impact and killed both the bird and my ATAS100. Had it mounted on a homebrew roof plate between the luggage rack rails on my old Explorer. Doing 70mph on I4 near one of the lakes, made a hell of a noise, thought someone ran into me. The usual problem I've seen and read about is the solder joints failing. The matching network is on a hard plastic core with a long chromed brass center pin. The flexing as you drive doesn't look like much but the moment arm stress on those plastic pieces eventually causes a failure. The cure would be a carbon composite inner core and also a carbon composite outer covering. This then would come close to the structural characteristics of the chromed brass center pin and the rest of the aluminum structure. Gues I'll have to create a complete image of the disassembled matching coil unit sometime.

Mike
K5UNM

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What happened that they have to be fixed? Is this a common problem with the ATAS-100?
>
> 73,
>
> Dick
> WBØDUL@a...
> ----- Original Message -----
> From: David Kiwerski
> To: FT100@y...
> Sent: Monday, April 01, 2002 1:09 PM
> Subject: Re: [FT100] Re: ATAS100 disassembly problem
>
>
> Ouch!! It looks like I'm in for the same problem when I get around to
> fixing mine :(
> I'll take a closer look at it.
>
> DaveK
> wp2aat
>
> k5unm wrote:
>
> > --- In FT100@y..., David Kiwerski <david.kiwerski@o...> wrote:
> > > To remove these roll pins, you'll have to press them out from one

> > side or the
> > > other. There are tools for this (punches), but you could
probably
> > make one
> > > out of a nail the same diameter.
> > >
> > > Good luck!
> > >
> > > Dave Kiwerski
> > > wp2aat
> > >
> > Wrong, wrong The pins are blind and only go in far enough to
secure
> > the threaded pieces. If they went all the way through as you
imply
> > they would short out the center brass pin carrying the control
> > voltage and RF. If you look closely at the lower assembly
you'll see
> > the pins in only one side and not the other.
> > Mike
> >
> >
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> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
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>
> [Non-text portions of this message have been removed]

# 13312. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:25:35 UTC
From: w1pa
Topic: 13297  Message: 13312

--- In FT100@y..., Jim LeFevre <jlefevre@p...> wrote:
> Sorry if I was not clear enough Mike. I am attempting to separate the
> coil assembly from the motor tube. I am not trying to disassemble the
> coil assembly! There are three chrome-plated screws that, once removed,
> should allow the o-ringed coil assembly to be separated from the motor
> assembly tube. Corrosion is holding the coil assembly tight. Goal is to
> replace motor and/or circuit board once we can disassemble the antenna.

That connection has an o-ring seal. Must be a good chunk of corrosion. I'd WD-40 into each of the three screw holes to try to break it free.

Bill
W1PA

# 13313. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:37:35 UTC
From: w1pa
Topic: 13297  Message: 13313

> 
> Been there, did that, drove me freakin' nuts.
> 
> Bill
> W1PA

And Mike, thank you so much for posting the original note and images of that base coil taken apart. I would have been so lost without it when I rebuilt the "fully functional" unit I bought from another ham on ebay and learned all this wonderful stuff about the ATAS. My sincere thanks. That's why I'm so anxious to come up some usable method to fix one of these.

Jim, I'm glad this _isn't_ the problem you are having. :-)

Bill
W1PA

# 13314. Re: Base Station

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:41:36 UTC
From: backhoefade
Topic: 13305  Message: 13314

My story is similar. I needed another compact base transceiver after I got married since we owned multiple properties. My prior rig was a TS-520. The FT-100D turned out to be one heck of a performer. I do a lot of CW work and the combo of the 500 Hz crystal filter and the variable bandpass DSP, along with the bullet proof receiver front end (overload performance) completely sold me. The receiver is outstanding. I use the rig on occaision in the car but for the most part it stays at home; dwarfed by the SB-220 that sits next to it. I use the G5RV "Junior" version (about 51 feet long) at about 35 feet in an inverted Vee config and it works out very well. Just one neat little rig! I don't mind the menus at all. Got used to it and flip from one function to the next including F menu items without much thought at all. Only complaint, which is pretty trivial, is the fan noise. But I can always put on the headphones.

N6AF Chas

--- In FT100@y..., russthom@a... wrote:
> I bought my FT 100D specifically for the base. Having
> not been on HF for too many years, I didn't want to make
> a major investment in a radio that would gather dust.
> (I was upgrading from a 5 band radio) Anyway, I LOVE my
> FT-100D as a small base station.
>
> I also bought a AT-20 antenna tuner. I feed a G5RV with
> it and work all bands (80-6) on that combo. I work
> mainly CW below 30 MHz and FM on 2 and 440. Once I got
> the high swr fixed. I have had a blast. The DSP is
> wonderful on CW.
>
> I am no expert on rigs, my previous rig was a TS-120
> that only had five bands. the FT-100D was such a step
> up anyway that I am thrilled with the rig. The only
> drawback is the menus.
>
> 73, de KX5G

# 13315. Re: Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:46:45 UTC
From: john_k2gvp
Topic: 13270  Message: 13315

--- In FT100@y..., "Steve Haseldine" <g8ebm@c...> wrote:
> Does anyone use a boom mike / headset for mobile use with the FT100D? If so what do you use and how does it perform. I know Heil make one specially for the Icom 706 but not sure if they have one set up for the FT100.
>
> I want to buy one and would be interested in other users experiences first!

> Steve Haseldine G8EBM
*****Steve, I use the Hiel HB-5-5 headset for my FT-100 mobile operations and I love it.
Hands free ham operation mobile is the way to go, just let the VOX do its thing. This has a single earphone and the reg chewers mic element. The only thing I don't like is the need for two adaptors to connect the headset to rig. See http://www.heilsound.com/BM10.htm for info.
I have the Clear Speach speaker and jumpered the switch in the jack and put a 100 ohm resistor in series with the earphgone so there is a rough ballance between the audio I hear from the speaker, incase you just wanted to monitor without the headset, and the audio I hear on the earphone.
Hope this helps. BTW are you any where around Kent? I will be over there in June for 3 weeks.
Cheers, John K2GVP

# 13316. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 21:52:47 UTC
From: Dick Thompson
Topic: 13297  Message: 13316

Thanks, Bill. Almost makes me want to look for something else. Oh well. I'll watch what is sent on here and when I'm ready to go to something other than Hamsticks, I'll have to make a decision.

Thanks for the input.

73,

Dick
WBØDUL@...

----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 2:20 PM
Subject: [FT100] Re: ATAS100 disassembly problem

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What happened that they have to be fixed? Is this a common problem
with the ATAS-100?
>
> 73,
>
> Dick
> WBØDUL@a...

The failure mode is that with constant removal and placement, or if you get in the bad habit of tightening the ATAS down by grabbing above the bottom three inches, the coil will turn slightly inside the tube. With repetative torqueing, the movement of the inner coil will stress the solder joints to the two tabs, and one of them will fail open.

It will initially show up as an intermittent issue. Since the ground of the H-block board (the little PC board that senses the voltage and controls which way the motor turns) is connected here, the ATAS stops turning and you think you fried the board or the motor. You'll press tune and nothing will move. You give the antenna a bit of a turn, and low and behold it works for a bit, and then the next time you hit tune, it doesn't...

You can check the motor by putting 6v on it's connector (I don't think anyone has ever had the motor itself fail)
You can check the PC board by taking a resistance check right on the board (remove the top tube and pull out the motor board assembly as described in the FAQ), center pin to ground, 27K. ($16 to replace)
Good connection on the SO-239 of your mount? A loose center pin

connection (remember, each time you put the ATAS on you are spinning that center pin into the mount SO-239) will give intermittent problems; drop a small spring in the hole first as desribed here on the list (I found the spring from a pen is a bit too large, but one from a cheap mechanical pencil will work great).

If all of these are ok, your failure mode is likely what I just described (send Yaesu $160 US).

Been there, did that, drove me freakin' nuts.

Bill
W1PA

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[Non-text portions of this message have been removed]

# 13317. Re: [FT100] Re: Base Station

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 22:05:52 UTC
From: Lee Boulineau
Topic: 13305  Message: 13317

I use a 706 as a base now, but that is only because I
prefer the Noise Blanker in the 100D for mobile work;
I'd use the 100D as a base with no complaints!!! I
have a small house right now, so space is at a premium
- but I'm closing on a bigger property that already
has a tower in good shape!!!!!

--- backhoefade <cgarner@...> wrote:
> My story is similar. I needed another compact base
> transceiver after
> I got married since we owned multiple properties.
> My prior rig was a
> TS-520. The FT-100D turned out to be one heck of a
> performer. I do
> a lot of CW work and the combo of the 500 Hz crystal
> filter and the
> variable bandpass DSP, along with the bullet proof
> receiver front end
> (overload performance) completely sold me. The
> receiver is
> outstanding. I use the rig on occaision in the car
> but for the most
> part it stays at home; dwarfed by the SB-220 that
> sits next to it.
> I use the G5RV "Junior" version (about 51 feet long)
> at about 35 feet
> in an inverted Vee config and it works out very
> well. Just one neat
> little rig! I don't mind the menus at all. Got
> used to it and flip
> from one function to the next including F menu items
> without much
> thought at all. Only complaint, which is pretty
> trivial, is the fan
> noise. But I can always put on the headphones.
>
> N6AF Chas
>
>
> --- In FT100@y..., russthom@a... wrote:
> > I bought my FT 100D specifically for the base.
> Having
> > not been on HF for too many years, I didn't want
> to make
> > a major investment in a radio that would gather

> dust.
> > (I was upgrading from a 5 band radio) Anyway, I
> LOVE my
> > FT-100D as a small base station.
> >
> > I also bought a AT-20 antenna tuner. I feed a
> G5RV with
> > it and work all bands (80-6) on that combo. I
> work
> > mainly CW below 30 MHz and FM on 2 and 440. Once
> I got
> > the high swr fixed. I have had a blast. The DSP
> is
> > wonderful on CW.
> >
> > I am no expert on rigs, my previous rig was a
> TS-120
> > that only had five bands. the FT-100D was such a
> step
> > up anyway that I am thrilled with the rig. The
> only
> > drawback is the menus.
> >
> > 73, de KX5G
>
>

---
Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

# 13318. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 22:07:10 UTC
From: w1pa
Topic: 13297  Message: 13318

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Thanks, Bill. Almost makes me want to look for something else. Oh well. I'll watch what is sent on here and when I'm ready to go to something other than Hamsticks, I'll have to make a decision.
>
> Thanks for the input.
>
> 73,
>
> Dick
> WBØDUL@a...
>

Dick,

I wouldn't let it discourage you from buying one. The base-coil-open seems to be a rare occurance. Understanding that the ATAS is a mechanical beast first and foremost, and that it does require a bit of routine maintainence, I would buy one again in a second. Nothing like the relatively small size (vs other screwdrivers) and being able to change bands without stopping. I ran an Outbacker for years, excellent performer, but one button tuning with the 100/ATAS combination is pretty slick.

Bill
W1PA

# 13319. RE: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 00:12:31 UTC
From: emoxon@alum.mit.edu
Topic: 13297  Message: 13319

Jim -

I think you are trying to remove the matching network and motor drive assembly from the main black aluminum tube -- that is, you are not trying to get into the matching network itself. You have slid up the lower rubber cover and removed the 3 screws.

I had mine apart when it was relatively new, and yes, it does corrode in the gap at that joint. There is an internal O ring that is supposed to form the seal, but it seemed to me that the corrosion process was attacking the inner surface of the aluminum tube and working its way beyond the O ring, so when I re-assembled it I used some rtv to fill the gap and form a first line of defense against water. I have not opened it up almost two years now, so don't know if I was successful.

Anyway, my suggestion re your disassembly problem is to use an impact technique. Grip the tube securely, maybe in a vise or maybe just have a helper hold it down on a bench, and use a hammer and some tool (chisel? screwdriver?) to tap on the flange, as parallel to the axis as possible. I would think lots of taps, alternately on opposite sides and working your way around it many times would have a good chance for success with not much chance of damage. When it finally breaks free, you will see it start to move little by little - it probably won't go flying. Light taps at first, then heavier as your frustration builds.

gl,
Ed, K1GGI

> _____
>
> Message: 21
> Date: Mon, 01 Apr 2002 13:11:38 -0500
> From: Jim LeFevre <jlefevre@...>
> Subject: ATAS100 disassembly problem
>
> I am having a problem with disassembling the lower coil assembly from
> the rest of the antenna. We have tried some light techniques without
> success (WD40, hair dryer heat, hand-torque) and stopped, as this area
> won't budge. It seems to apply more force, or more heat may render the
> antenna unrepairable. I have slipped a small knife blade between the
> tube and the flange of the bottom assembly which breaks loose a white
> corrosion precipitate. As the corrosion is whitish, I don't think that
> it is an aluminum oxide, but three+ years worth of Michigan wx. Has
> anyone found, or know of, a procedure that will loosen this assembly
> without damage, possibly a chemical penetrator that works better than
> WD40? Jim KB8UNU

>
>

# 13320. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 00:36:18 UTC
From: Pres Waterman
Topic: 13297  Message: 13320

My original one suffered a seagull impact and killed both the bird
and my ATAS100. Had it mounted on a homebrew roof plate between the
luggage rack rails on my old Explorer. Doing 70mph on I4 near one of
the lakes, made a hell of a noise, thought someone ran into me. The

Woh. Cool.

BTW, I am watching a FT-747 for sale on ebay. Seller states it has been
dropped. Take a look, and see if you agree it has been dropped... AT 70
MPH!!! Either that, or it has been dropped on a sledgehammer repeatedly.

Item number 1342665464

And if you log on today, you will see the very top of their page is revesed,
or mirror-imaged. Cool.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13321. National Patriotism Field Day

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 00:41:33 UTC
From: Pres Waterman
Topic: 13321  Message: 13321

I just read about this and like it. Let's get all FT817 owners and hfpackers and FT-100 users and all hams out to operate:

We support September 11 as a "National Day of Patriotism". Please help us get the word out that there will be a National Patriotism Field Day on September 11, 2002 and beyond. Tell your clubs and friends!! This need not be underwritten by any large Amateur Radio organization, just Americans who wish to show togetherness and support for the country they love. Thanks!! God Bless America. Former Marine WW0JD.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13322. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 00:57:52 UTC
From: Pres Waterman
Topic: 13297  Message: 13322

Thanks, Bill. Almost makes me want to look for something else. Oh well.
I'll watch what is sent on here and when I'm ready to go to something other
than Hamsticks, I'll have to make a decision.

Look into a Comet/Diamond multiband such as the HV-7A. No tuning during use,
although they make you pre-tune certain segments of the lower bands

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13323. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 02:16:36 UTC
From: k5unm
Topic: 13297  Message: 13323

I think it may have been hit by a Mack Truck first then dropped. I don't know what parts would be salvagable.... Somebody needs to really be desperate for parts, even the filter board looks like it is a long shot if they are good. Doesn't take much of an impact (Mack Truck) to destroy the crystal lattice structure. Maybe it was bounced along the roadbed for several miles. Some one would rate that FT747 in mint condition.....

Mike
K5UNM

> 
> BTW, I am watching a FT-747 for sale on ebay. Seller states it has been
> dropped. Take a look, and see if you agree it has been dropped... AT 70
> MPH!!! Either that, or it has been dropped on a sledgehammer repeatedly.
> 
> Item number 1342665464
> 
> And if you log on today, you will see the very top of their page is revesed,
> or mirror-imaged. Cool.
> 
> 
> Thanks
> 
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
> 
> GO BILLS!

# 13324. Re: [FT100] Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 03:30:15 UTC
From: Dick Thompson
Topic: 13297  Message: 13324

Thanks, Bill. Appreciate the comments.

Do you need a tuner with the ATAS-100? I was under the understanding that you don't.

73,

Dick
WBØDUL@arrl.net
----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 3:07 PM
Subject: [FT100] Re: ATAS100 disassembly problem

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Thanks, Bill. Almost makes me want to look for something else. Oh
well. I'll watch what is sent on here and when I'm ready to go to
something other than Hamsticks, I'll have to make a decision.
>
> Thanks for the input.
>
> 73,
>
> Dick
> WBØDUL@a...
>

Dick,

I wouldn't let it discourage you from buying one. The base-coil-open
seems to be a rare occurance. Understanding that the ATAS is a
mechanical beast first and foremost, and that it does require a bit
of routine maintainence, I would buy one again in a second. Nothing
like the relatively small size (vs other screwdrivers) and being able
to change bands without stopping. I ran an Outbacker for years,
excellent performer, but one button tuning with the 100/ATAS
combination is pretty slick.

Bill
W1PA

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# 13325. AW: [FT100] Digest Number 1168

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-01 13:30:11 UTC
From: Gerhard Reuther
Topic: 13325  Message: 13325

Hi there,

Make sure repeater mode is activated when you programming it

-----Ursprüngliche Nachricht-----
Von: FT100@yahoogroups.com [mailto:FT100@yahoogroups.com]
Gesendet: Sonntag, 31. März 2002 23:57
An: FT100@yahoogroups.com
Betreff: [FT100] Digest Number 1168

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---

There is 1 message in this issue.

Topics in this digest:

1. Programming Memory Channels in FT-100D
From: "wb0dul" <wb0dul@arrl.net>

---
---

Message: 1
Date: Sun, 31 Mar 2002 19:52:36 -0000
From: "wb0dul" <wb0dul@...>
Subject: Programming Memory Channels in FT-100D

I hope someone on the reflector can help and tell me what I'm doing
wrong. I have programmed about 20 repeater and simplex frequencies
into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have
448.100. When I key the radio on any of the other 19 channels I can
hear the repeater come back to me or if someone answers I can hear
them. On Channel 2 in MG1, I can speak into the mic, see that I'm
bringing up the 448.1 machine, but I can't hear a thing. Even with
the squelch wide open there is nos sound. I can see the meter move
when somebody answers me and If I go Reverse and they are close
enough, I can hear them. Why can't I hear the repeater on this
channel?

Across the top it reads MEM TSQ RP- MG1 002

On the left it reads:
TSQ
MCH

Step is set to 25K FM.

If anyone can help I'd sure appreciate it.

Happy Easter guys and gals.

73,

Dick
wbØdul

---
---

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# 13326. RE: FT-100D as "base station"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 01:32:13 UTC
From: Gorsline
Topic: 13326  Message: 13326

I purchased a FT-100D last November as the main rig for my second location at the summer cottage and as back-up for the main rig. Wanted something that could do a creditable job chasing DX on both SSB and cw. This is given that the main station rig is a Mark-V and withdrawal symptoms are painful. There are a few others on this list who have done the same, the DSP filtering and menuing are similar to the Mark-V and performance is quite good for a little box. Have only made a dozen or so QSOs with it so far, but it behaves as you would expect from any good quality rig, including handling about the same excursions on SWR on my beam as big rigs.

Given the many comments on the reflector, perhaps how I was taught to tune up by an old ham many years ago might be helpful to pass on:
Adjust the antenna tuner by sending a string of dits until low SWR is achieved. NEVER use continuous carrier - key down! When tuned, then switch to SSB (or whatever) if going into that mode. This saves the finals by keeping the duty cycle low and is easier to do than menu adjusting the power down and up again. Key down is lots of heat - always bad in any rig, worse in smaller ones that are hot to start with. The bad news with transistor finals is that they can only glow cherry red once - vacuum tubes were more forgiving.

Have my fingers crossed on the VHF/UHF finals problem - still hoping that somebody finds a reasonable alternative should I ever need one. So far, so good...

73, George VE3YV / K8HI ve3yv@...

# 13327. Re: [FT100] Digest Number 1168

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 03:55:34 UTC
From: Dick Thompson
Topic: 13278  Message: 13327

roblem is solved, Gerhard. Thanks.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Gerhard Reuther
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 6:30 AM
Subject: AW: [FT100] Digest Number 1168

Hi there,

Make sure repeater mode is activated when you programming it

-----Ursprüngliche Nachricht-----
Von: FT100@yahoogroups.com [mailto:FT100@yahoogroups.com]
Gesendet: Sonntag, 31. März 2002 23:57
An: FT100@yahoogroups.com
Betreff: [FT100] Digest Number 1168

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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---

There is 1 message in this issue.

Topics in this digest:

1. Programming Memory Channels in FT-100D
From: "wb0dul" <wb0dul@...>

---
---

Message: 1
Date: Sun, 31 Mar 2002 19:52:36 -0000
From: "wb0dul" <wb0dul@...>
Subject: Programming Memory Channels in FT-100D

I hope someone on the reflector can help and tell me what I'm doing
wrong. I have programmed about 20 repeater and simplex frequencies

into MG1 (Message Group 1, Channels 1 thru 50). On channel 2, I have 448.100. When I key the radio on any of the other 19 channels I can hear the repeater come back to me or if someone answers I can hear them. On Channel 2 in MG1, I can speak into the mic, see that I'm bringing up the 448.1 machine, but I can't hear a thing. Even with the squelch wide open there is nos sound. I can see the meter move when somebody answers me and If I go Reverse and they are close enough, I can hear them. Why can't I hear the repeater on this channel?

Across the top it reads MEM TSQ RP- MG1 002

On the left it reads:
TSQ
MCH

Step is set to 25K FM.

If anyone can help I'd sure appreciate it.

Happy Easter guys and gals.

73,

Dick
wbØdul

---

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[Non-text portions of this message have been removed]

# 13328. FT-100D One-Touch Tune to be shown at Dayton next month

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 05:36:07 UTC
From: w4wb
Topic: 13328  Message: 13328

If you would like to see the One-Touch Tune for the FT-100D (not the FT-100) in action, please drop by our booth at Dayton. The booth will be located just across the aisle from Bob Heil's booth. We will also be demonstrating the LDG Electronics AT-11MP and RT-11 autotuners (plus the Z-11 for the QRPers). Likely to have special "Dayton pricing" on the OTT-100D and the LDG autotuners.

Unless you use the ATAS-100 or the FC-20 tuner with the FT-100D, using a tuner with this rig is not such a pleasant task. Also, you cannot use the CAT function when the FC-20 or ATAS-100 is used. With the W4RT Electronics FT-100D One-Touch Tune (OTT-100D), you retain the CAT functionality and can use both manual and autotuner with a constant carrier!

This OTT interfaces wonderfully with the LDG Electronics AT-11MP and their new RT-11 autotuners. All you have to do is just touch the TUNE button on these tuners and the tuning automatically happens. The OTT-100D will allow you to interface with many other autotuners (not the FC-20) and all manual tuners. For more information, please see www.w4rt.com and look in the Hardware section.

Hope to see you in Dayton.

73 de Barry - W4WB
W4RT Electronics

# 13329. Re: [FT100] Check your Yahoo Profile today

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 11:17:49 UTC
From: Alek Petkovic
Topic: 13236  Message: 13329

Hmmm, I tried it and I got to my Yahoo ID Card but there is nothing on
there about marketing preferences.

Alek,
VK6APK

At 01:32 PM 29-03-02 -0700, you wrote:
>I just came across the following message in another Yahoo group. I
>checked my profile and found that the 16 questions that I had
>marked as 'NO' has been changed to 'YES'. I have been noticing
>that the amount of junk mail that I receive has been
>increasing, now I know why.
>------------------------------------------------------------------------
>----
>From: Jim Walls <k6ccc@e...>
>Date: Thu Mar 28, 2002 10:56 pm
>Subject: Yahooed!
>
>I've just been alerted by a friend that Yahoo have just made a
>sneaky change to everybody's 'Marketing Preferences'. The result of
>which will be a load of spam. I checked and sure enough, they had
>changed ALL of my *No's* to *Yes!* So, I've just been in and changed
>back what they've done so that I won't be receiving their ads!
>
>Here's what you need to do: Go to My Groups and click on Account
>Info, verify your password if it asks you to, and your Yahoo ID card
>comes up. Click on 'Edit your Marketing Preferences' and change all
>those Yes's back to No's! Click Save Changes
>
>73
>------------------------------------------------------------------------
>----
>
>John
>K7SVV@...
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 13330. Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 14:38:18 UTC
From: lc5yat
Topic: 13330  Message: 13330

Where could I find any information on CAT programing for my FT-100,
except for the manual.

Knut Nilsen
LC5YAT

# 13331. Re: [FT100] Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 15:51:10 UTC
From: John Spiceman
Topic: 13330  Message: 13331

Do a search on past postings on this newsgroup. There
are at least two people that have writtten programs
for it. You might ask one of them.

John - WB?RLD

--- lc5yat <knnilse@...> wrote:
> Where could I find any information on CAT programing
> for my FT-100,
> except for the manual.
>
>
> Knut Nilsen
> LC5YAT
>
>
>

_____
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# 13332. Re: [FT100] FT-100D One-Touch Tune to be shown at Dayton next month

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 16:03:06 UTC
From: Dick Thompson
Topic: 13328  Message: 13332

I was planning on being at Dayton, but have a granddaughter graduating from high school that weekend. (I never thought she'd make it, so I ordered my ticket. Hi Hi). Anyway, since I cancelled my wife told me to go ahead and buy the radio I had planned on buying at Dayton. I now have the FT-100D as a consolation prize. (I love it when she talks dirty.)

from what you said I guess I can assume that if I buy the ATAS-100 antenna system I won't need a tuner.

73,

Dick
WBØDUL@...

----- Original Message -----
From: w4wb
To: FT100@yahoogroups.com
Sent: Monday, April 01, 2002 10:36 PM
Subject: [FT100] FT-100D One-Touch Tune to be shown at Dayton next month

If you would like to see the One-Touch Tune for the FT-100D (not the FT-100) in action, please drop by our booth at Dayton. The booth will be located just across the aisle from Bob Heil's booth. We will also be demonstrating the LDG Electronics AT-11MP and RT-11 autotuners (plus the Z-11 for the QRPers). Likely to have special "Dayton pricing" on the OTT-100D and the LDG autotuners.

Unless you use the ATAS-100 or the FC-20 tuner with the FT-100D, using a tuner with this rig is not such a pleasant task. Also, you cannot use the CAT function when the FC-20 or ATAS-100 is used. With the W4RT Electronics FT-100D One-Touch Tune (OTT-100D), you retain the CAT functionality and can use both manual and autotuner with a constant carrier!

This OTT interfaces wonderfully with the LDG Electronics AT-11MP and their new RT-11 autotuners. All you have to do is just touch the TUNE button on these tuners and the tuning automatically happens. The OTT-100D will allow you to interface with many other autotuners (not the FC-20) and all manual tuners. For more information, please see www.w4rt.com and look in the Hardware section.

Hope to see you in Dayton.

73 de Barry - W4WB
W4RT Electronics

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[Non-text portions of this message have been removed]

# 13333. Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 17:58:18 UTC
From: backhoefade
Topic: 13330  Message: 13333

Let me know if you get a good answer. Our CAT is completely out of control. Basically ignors any and all commands, even when sent multiple times. The only response is an occasional sonic emission (or worse).

--- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> Where could I find any information on CAT programing for my FT-100,
> except for the manual.
>
>
> Knut Nilsen
> LC5YAT

# 13334. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 18:55:28 UTC
From: w1pa
Topic: 13297  Message: 13334

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Thanks, Bill. Appreciate the comments.
>
> Do you need a tuner with the ATAS-100? I was under the
understanding that you don't.
>
> 73,
>
> Dick
> WBØ☐UL@a...

No tuner. I haven't done a recent survey of each band, but I seem to remember being at 1:1.5 (one segement in the FT100D SWR meter) on every band but 40.

This is heavily dependant on the install of ATAS -- grounding, groundplane, mounting location, etc. -- same issues as with the hamstick.

Bill

# 13335. Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 19:59:20 UTC
From: w7kr
Topic: 13330  Message: 13335

What do you want to know? I have a CAT program that I just wrote
which is about 90% complete. I would be glad to try and answer any
questions that you have.

Jerry Hart
W7KR

--- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> Where could I find any information on CAT programing for my FT-100,
> except for the manual.
>
>
> Knut Nilsen
> LC5YAT

# 13336. Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 22:10:20 UTC
From: avflinsch
Topic: 13330  Message: 13336

--- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> Where could I find any information on CAT programing for my FT-100,
> except for the manual.

The good techs at Yaesu told me that that is the only available
information. Personally I thought that it was pretty poor myself.

What platform are you programming for?

I have written a command line program and a gui front end for the
program to run under linux. The command line version will also
compile
for windows if you are using the cygwin compilier.

You can download the programs and source from
http://www.qsl.net/kc2ivl

# 13337. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 23:23:37 UTC
From: Lee Boulineau
Topic: 13330  Message: 13337

I get liquid and solid emissions too!!!

Lee

--- backhoefade <cgarner@...> wrote:
> Let me know if you get a good answer. Our CAT is
> completely out of
> control. Basically ignors any and all commands,
> even when sent
> multiple times. The only response is an occasional
> sonic emission
> (or worse).
>
> --- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> > Where could I find any information on CAT
> programing for my FT-100,
> > except for the manual.
> >
> >
> > Knut Nilsen
> > LC5YAT
>
>

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# 13338. Universal Radio extended warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 00:08:26 UTC
From: Pres Waterman
Topic: 13338  Message: 13338

I just notices in the Universal Radio ( http://www.rf-fun.com ) catalog that extended warranties are available for radios purchased new from them. Hf mobiles are $49 for 2 years of extension, a total of 3 years.

$24.50 per year of peace of mind. Not bad, if you are going for that first or second FT-100

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13339. Copying Info from VX5R to FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 18:08:49 UTC
From: shlstevens
Topic: 13339  Message: 13339

Hi folks,

I know there have been posts about programming the FT100D. But I'm not sure the solutions in the posts do what I'm looking for. Please let me know what I need to do the following:

I have a VX5R and I programme and maintain it using the ADMS software. Very clean, very nice. It allows me to manipulate all the settings. I'm looking for a similar programme for the FT-100D. I don't want to control the FT-100 from a computer, I just want to programme the memories and set the, uh, settings.

What is the best software (if it exists) to allow me to do this? And any suggestions for something similar for the 817?

Thank you kindly,
Scott

# 13340. RE: [FT100] Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 19:03:35 UTC
From: dh1ngp@supercontrol.de
Topic: 13330  Message: 13340

Hi Knut
and Hello friends!

What do you want to know ? Maybe i can help ? I startet also a new project for the FT-100 transceiver lately (After completing a project for the FT-847). I also did a search for undocumented CAT commands, but i found nothing. So the only base is still the manual ! It seems that YAESU's FT-817 is the only transceiver with a wide range of undocumented CAT commands.

I'm also very interested whether the cat command structure has been changed with the new FT-100D version, as i only have a FT-100 transceiver which i use to generate a program for. The start of a project for the FT-100 is a little difficult, because the command structure mentioned in the manual is wrong ! Please tell me your program status first, so maybe i can help...

Vy 73 de
Peter, DH1NGP
- developer - webmaster -
www.supercontrol.de

-----Original Message-----
From: John Spiceman [mailto:jrmorris28@...]
Sent: Tuesday, April 02, 2002 5:51 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Cat programing

Do a search on past postings on this newsgroup. There
are at least two people that have writtten programs
for it. You might ask one of them.

John - WB?RLD

--- lc5yat <knnilse@...> wrote:
> Where could I find any information on CAT programing
> for my FT-100,
> except for the manual.
>
>
> Knut Nilsen
> LC5YAT

# 13341. Re: [FT100] Copying Info from VX5R to FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 00:34:05 UTC
From: Pres Waterman
Topic: 13339  Message: 13341

> I don't want to control the FT-100 from a computer, I just want to
> programme the memories and set the, uh, settings.

Not at all allowed by the radio

>
> What is the best software (if it exists) to allow me to do this?
> And any suggestions for something similar for the 817?
>

FTBasic ( for both 817 and 100 etc )

and FT-Commander * Free

http://groups.yahoo.com/group/FT817-Commander/

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

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# 13342. Re: [FT100] Universal Radio extended warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 01:15:24 UTC
From: Larry Stowell
Topic: 13338  Message: 13342

http://rffun.com

Larry WA2SRY

----- Original Message -----
From: Pres Waterman
To: ft100
Sent: Tuesday, April 02, 2002 7:08 PM
Subject: [FT100] Universal Radio extended warranty

I just notices in the Universal Radio ( http://www.rf-fun.com ) catalog that extended warranties are available for radios purchased new from them. Hf mobiles are $49 for 2 years of extension, a total of 3 years.

$24.50 per year of peace of mind. Not bad, if you are going for that first or second FT-100

Thanks

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[Non-text portions of this message have been removed]

# 13343. Re: [FT100] Universal Radio extended warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 01:19:33 UTC
From: Pres Waterman
Topic: 13338  Message: 13343

> http://rffun.com

I'l be darned. Wrong twice today. Almost a year's worth...

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13344. Re: ATAS100 disassembly problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-02 19:43:28 UTC
From: Jim LeFevre
Topic: 13297  Message: 13344

Thanks for good suggestions, now that we have agreed on which part needs to come apart! I learned my lesson with my own atas100--it is clean and comes apart the way it should now. My friend's atas100, had never been removed since it was installed, let alone disassembled and cleaned, and after three winters in Michigan, it won't come apart. I'm not surprised. We are attempting to permeate the corrosion with WD40. We did try light impact as suggested, as well as heat from a heat gun, without any movement between the two pieces. His antenna worked flawlessly until it quit, and there was no more. So, first we will replace the $16 pc board. On my own atas100, when it failed, I found the motor bound up, and upon disassembly, the motor was severely corroded. The Michigan weather had entered around the bad o ring. So, first I replaced the motor at $39 only to find that the pc board was also bad. Which came first? I'm guessing that when the motor started to really load up just prior to locking up, it required more current than the circuit could supply. Also, I would not spray anything into the screw holes: two are dead-ended, but the third opens up to the interior of the coil assembly. Finally, I would make two points about the atas100 antenna. For its size, simplicity of use, cost and convenience, it is without rival when considering the whole package. And secondly, a little preventive maintenance goes a long way. My o ring did not do its job as it was twisted and abraded and allowed an entrance point for moisture (did I say that it happened to fail after driving for four hours at 70 mph in a heavy rain storm?). It is very simple to maintain the atas100. It is inevitable that all mechanical assemblies will fail and service life will always be extended with a proper maintenance program. Jim KB8UNU (whew!)

# 13345. Re: [FT100] Copying Info from VX5R to FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 02:46:58 UTC
From: Alex Turner
Topic: 13339  Message: 13345

The FT100D doesn't appear to have a Clone command as do the FT817 and VX5 so
that seems to be a big problem with loading all the memories of the FT-100D
as you can with the other two.

Alex N4BYJ
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Tuesday, April 02, 2002 7:34 PM
Subject: Re: [FT100] Copying Info from VX5R to FT-100

> I don't want to control the FT-100 from a computer, I just want to
> programme the memories and set the, uh, settings.

Not at all allowed by the radio

>
> What is the best software (if it exists) to allow me to do this?
> And any suggestions for something similar for the 817?
>

FTBasic ( for both 817 and 100 etc )

and FT-Commander * Free

http://groups.yahoo.com/group/FT817-Commander/

Thanks

Pres Waterman, W2PW
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[Non-text portions of this message have been removed]

# 13346. Loud birdies...!?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 04:50:35 UTC
From: artmiv
Topic: 13346  Message: 13346

>This FT-100 had no problems until I tuned onto 2 meter USB
>sideband where I came across a LOUD BIRDIE that seemed to
>drift upward slowly. Freq seemed to be temp. dependent
> (@ 144.160 cold to 144.240 hot).Drifts down when cooling
>fans kick in. After removing covers and checking cables and
>grounding, It seemed to be an interaction between the CPU
>clock x-tal and the main x-tal oscillator. Blowing compressed
>air across them changed freq.Also heard around 432.6 , 3rd harm.
>
>I have'nt heard of this problem before so any input on this
>would be helpful.
>
>Thanx anyone! Art Reno KE6MIV

# 13347. Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 09:46:53 UTC
From: ZL1AXG
Topic: 13347  Message: 13347

And you guys thought setting us all up to get spam ads automatically
was bad:

There's something else now. They've set things up so they can monitor
you as you surf the web. If you have a Yahoo account, or receive Yahoo mail
from anyone, they've tagged your computer. You can opt out here:

http://privacy.yahoo.com/privacy/us/pixels/details.html

I wonder how long it was going to be before they got around to
notifying everyone. I also wonder what's the next little surprise.

# 13348. FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 13:41:31 UTC
From: w1rc
Topic: 13348  Message: 13348

I'll bet this has been beaten to death in the past but please bear with me.

I'm about to make the big buy and need to know if the problems I've read about with the FT-100D have been resolved to the point that the radio will perform as advertised. Please post or e-mail me your comments and experiences with the newer released FT-100Ds so I might make a good decision.

Thanks and 73,

Michael Crestohl,
W1RC

mc@...

# 13349. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 13:49:52 UTC
From: K4IA@arrl.net
Topic: 13348  Message: 13349

Michael - My 100D with the ATAS 100 has worked like a champ. You want one made after May 2001. Serial number is the key. First digit is year. Letter is month but January starts with C. So my radio with a serial number starting 1H was made in June 01. Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13350. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 15:29:27 UTC
From: Dick Thompson
Topic: 13348  Message: 13350

I guess you could call me prejudiced, Michael, but I am very happy with my new FT-100D. So far it has performed as advertised and although I was concerned about the high SWR issue and the fan issue, it hasn't posed a problem as yet. I have a couple of friends who have Yaesu FT-1000D's and they have commented that the 100D is a baby 1000D and found the receiver in the 100D to be comparable to the 1000D. Having never used or twisted the knobs on the 1000D I can only assume that they are correct. The 100D sold for over $4000.

One thing I have found to be irritating is the fact that Yaesu didn't put a ground lug on the back of the radio. I realize there are other options, but it would have been more convenient to have a place dedicated to grounding the radio. But it's not a big deal, just an inconvenience.

Would I buy another one? Unequivocally, yes! In a heartbeat! I have had reports of a slight raspiness (is that a word?) in the audio, but I attribute that to the grounding. Those that have given me the report said it wasn't something that they couldn't listen to, but they noticed it. Others have said it sounded just fine. Go figure! At this point in time, I'm going to be using the radio as a mobile unit on VHF/UHF and the HF capability is a plus. When I get the new ATAS-100 antenna system I'll tackle the grounding problem more aggressively.

My FT-100D was made in October, 2001 according to the serial number. The manual is one of the best I've seen from Yaesu. It's not perfect, but it's better than the manual (or as I refer to it, "brochure") that came with my new Yaesu FT-920, purchased in December, 2001.

I've come to the conclusion, after 40 years as a ham, that there is no "perfect" radio. They can all be problems in some form or another. I don't feel you would make a bad choice with either radio. I've always had good luck with Yaesu over the years. I've had good luck with Icom and Heathkits.

Good luck and I'd certainly be interested in knowing what you end up with.

73,

Dick
WBØDUL@...

----- Original Message -----
From: w1rc
To: FT100@yahoogroups.com
Sent: Wednesday, April 03, 2002 6:41 AM
Subject: [FT100] FT-100D vs IC-706 MKII G

I'll bet this has been beaten to death in the past but please bear
with me.

I'm about to make the big buy and need to know if the problems I've
read about with the FT-100D have been resolved to the point that the

radio will perform as advertised. Please post or e-mail me your comments and experiences with the newer released FT-100Ds so I might make a good decision.

Thanks and 73,

Michael Crestohl,
W1RC

mc@...

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[Non-text portions of this message have been removed]

# 13351. Re: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 15:34:28 UTC
From: Dick Thompson
Topic: 13347  Message: 13351

Thanks for the info. I "opted out", but who knows for how long? I guess that's the price we pay for "freebie" services. Not really free if you consider all the spam that goes with it.

73,

Dick
WBØDUL@...
----- Original Message -----
From: ZL1AXG
To: FT100@yahoogroups.com
Sent: Wednesday, April 03, 2002 2:46 AM
Subject: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

And you guys thought setting us all up to get spam ads automatically
was bad:

There's something else now. They've set things up so they can monitor
you as you surf the web. If you have a Yahoo account, or receive Yahoo mail
from anyone, they've tagged your computer. You can opt out here:

http://privacy.yahoo.com/privacy/us/pixels/details.html

I wonder how long it was going to be before they got around to
notifying everyone. I also wonder what's the next little surprise.

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[Non-text portions of this message have been removed]

# 13352. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 15:37:36 UTC
From: Pres Waterman
Topic: 13348  Message: 13352

One thing I have found to be irritating is the fact that Yaesu didn't put a ground lug on the back of the radio. I realize there are other options, but it would have been more convenient to have a place dedicated to grounding the radio. But it's not a big deal, just an inconvenience.

A ground lug can be approximated by buying, at a CB shop/truckstop, a set of knurled thumbscrews to replace the phillips screws that mount the mobile mounting bracket. You need 4mm ( 6mm length max- if too long, grind off or place a nut under the screw as a washer ).

If no luck, my local shop http://www.tandmelectronics.com has them for $1.25/2pk

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13353. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 17:22:49 UTC
From: backhoefade
Topic: 13348  Message: 13353

The summary statement is that the FT-100D is the superior performer, especially the receiver, but it requires a minimum of two mods to make it right, and a maximum of three mods if one of them hasn't been done. There are many, many discussions about those mods in the archives. If you don't care about having the better receiver you can just go with the 706 and then you don't have to concern yourself with mods.

N6AF Chas

--- In FT100@y..., "w1rc" <w1rc@y...> wrote:
> I'll bet this has been beaten to death in the past but please bear
> with me.
>
> I'm about to make the big buy and need to know if the problems I've
> read about with the FT-100D have been resolved to the point that
the
> radio will perform as advertised. Please post or e-mail me your
> comments and experiences with the newer released FT-100Ds so I
might
> make a good decision.
>
> Thanks and 73,
>
> Michael Crestohl,
> W1RC
>
> mc@s...

# 13354. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 18:45:18 UTC
From: Lee Boulineau
Topic: 13348  Message: 13354

Michael,

I have both the Ft-100D and the IC706MkIIG --- and I like both rigs a lot!!!! I use the FT-100D in my Jeep because the Noise Blanker on the FT-100D is better than the Icom -- period!!! I use my Icom for a base (no space in my small house!) rig -- I think it is a litle more user friendly (no fights, guys, just a personal opinion!). I would buy either rig again!!

73 de N4MVL

Lee

--- w1rc <w1rc@...> wrote:
> I'll bet this has been beaten to death in the past
> but please bear
> with me.
>
> I'm about to make the big buy and need to know if
> the problems I've
> read about with the FT-100D have been resolved to
> the point that the
> radio will perform as advertised. Please post or
> e-mail me your
> comments and experiences with the newer released
> FT-100Ds so I might
> make a good decision.
>
> Thanks and 73,
>
> Michael Crestohl,
> W1RC
>
> mc@...
>
>

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http://taxes.yahoo.com/

# 13355. Re: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 19:09:31 UTC
From: John Shalamskas
Topic: 13347  Message: 13355

Did you notice that you ll have to opt out for each browser that you run? Note: This opt-out applies to a specific browser rather than a specific user.

# 13356. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 21:01:13 UTC
From: backhoefade
Topic: 13348  Message: 13356

My only complaint using the FT-100D as a base unit is the fan noise.

Can you describe your opinion of each receiver. I chose the Yaesu
partly because I run CW a lot and it had the variable bandpass filter
DSP. Plus the overload spec was higher on the Yaesu. Just curious
how you compare the two receivers.

By the way, are you aware of the mic mod for the FT-100D? It makes a
big improvement in the transmit audio.

73's
Chas N6AF

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> Michael,
>
> I have both the Ft-100D and the IC706MkIIG --- and I
> like both rigs a lot!!!! I use the FT-100D in my Jeep
> because the Noise Blanker on the FT-100D is better
> than the Icom -- period!!! I use my Icom for a base
> (no space in my small house!) rig -- I think it is a
> litle more user friendly (no fights, guys, just a
> personal opinion!). I would buy either rig again!!
>
> 73 de N4MVL
>
> Lee
>
> --- w1rc <w1rc@y...> wrote:
> > I'll bet this has been beaten to death in the past
> > but please bear
> > with me.
> >
> > I'm about to make the big buy and need to know if
> > the problems I've
> > read about with the FT-100D have been resolved to
> > the point that the
> > radio will perform as advertised. Please post or
> > e-mail me your
> > comments and experiences with the newer released
> > FT-100Ds so I might
> > make a good decision.
> >
> > Thanks and 73,
> >
> > Michael Crestohl,

> > W1RC
> >
> > mc@s...
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Tax Center - online filing with TurboTax
> http://taxes.yahoo.com/

# 13357. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 22:04:38 UTC
From: w5xv@express56.com
Topic: 13348  Message: 13357

my 100D was also made in june 01, but why is it different from the ones made before may 01?? ----- Original Message ----- From: K4IA@... To: FT100@yahoogroups.com Sent: Wednesday, April 03, 2002 7:49 AM Subject: Re: [FT100] FT-100D vs IC-706 MKII G Michael - My 100D with the ATAS 100 has worked like a champ. You want one made after May 2001. Serial number is the key. First digit is year. Letter is month but January starts with C. So my radio with a serial number starting 1H was made in June 01. Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed] Yahoo! Groups Sponsor ADVERTISEMENT Post message: FT100@yahoogroups.com Subscribe: FT100-subscribe@yahoogroups.com Unsubscribe: FT100-unsubscribe@yahoogroups.com List owner: FT100-owner@yahoogroups.com FAQ on WWW: http://www.k0lee.com/ft100faq.html We are all a part of this Lets make it as good as possible. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service. [Non-text portions of this message have been removed]

# 13358. Re: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 22:28:15 UTC
From: Dick Thompson
Topic: 13347  Message: 13358

I only use IE, so I only have to worry about the one browser.

73,

Dick
WBØDUL@...

----- Original Message -----
From: "John Shalamskas" <john@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, April 03, 2002 12:09 PM
Subject: Re: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)

Did you notice that you'll have to opt out for each browser that you run?

"Note: This opt-out applies to a specific browser rather than a specific
user. Therefore you will have to opt-out separately from each computer or
browser that you use."

I used to think the Internet was a great idea. I'm beginning to see it as
highly efficient way for marketers to invade everyone's privacy instead.

John KJ9U

On Wed, 3 Apr 2002, Dick Thompson wrote:

> Thanks for the info. I "opted out", but who knows for how long? I guess that's the price we pay for "freebie" services. Not really free if you consider all the spam that goes with it.
>
> 73,
>
> Dick
> WBØDUL@...
> ----- Original Message -----
> From: ZL1AXG
> To: FT100@yahoogroups.com
> Sent: Wednesday, April 03, 2002 2:46 AM
> Subject: [FT100] Fw: [NZUnschoolers] Another little unwanted present from Yahoo (cross posted)
>
>
>
> And you guys thought setting us all up to get spam ads automatically
> was bad:

>
> There's something else now. They've set things up so they can monitor
> you as you surf the web. If you have a Yahoo account, or receive Yahoo mail
> from anyone, they've tagged your computer. You can opt out here:
>
> http://privacy.yahoo.com/privacy/us/pixels/details.html
>
> I wonder how long it was going to be before they got around to
> notifying everyone. I also wonder what's the next little surprise.
>
>
>
>
> Yahoo! Groups Sponsor
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>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Will Solve Problems for pay
John Shalamskas http://www.mlh.com/ john@...

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 13359. Re: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 22:29:51 UTC
From: Dick Thompson
Topic: 13348  Message: 13359

What's the mic mod, Chas?

73,

Dick
WBØDUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, April 03, 2002 2:01 PM
Subject: [FT100] Re: FT-100D vs IC-706 MKII G

My only complaint using the FT-100D as a base unit is the fan noise.

Can you describe your opinion of each receiver. I chose the Yaesu
partly because I run CW a lot and it had the variable bandpass filter
DSP. Plus the overload spec was higher on the Yaesu. Just curious
how you compare the two receivers.

By the way, are you aware of the mic mod for the FT-100D? It makes a
big improvement in the transmit audio.

73's
Chas N6AF

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> Michael,
>
> I have both the Ft-100D and the IC706MkIIG --- and I
> like both rigs a lot!!!! I use the FT-100D in my Jeep
> because the Noise Blanker on the FT-100D is better
> than the Icom -- period!!! I use my Icom for a base
> (no space in my small house!) rig -- I think it is a
> litle more user friendly (no fights, guys, just a
> personal opinion!). I would buy either rig again!!
>
> 73 de N4MVL
>
> Lee
>
> --- w1rc <w1rc@y...> wrote:
> > I'll bet this has been beaten to death in the past
> > but please bear
> > with me.
> >
> > I'm about to make the big buy and need to know if
> > the problems I've

> > read about with the FT-100D have been resolved to
> > the point that the
> > radio will perform as advertised. Please post or
> > e-mail me your
> > comments and experiences with the newer released
> > FT-100Ds so I might
> > make a good decision.
> >
> > Thanks and 73,
> >
> > Michael Crestohl,
> > W1RC
> >
> > mc@s...
> >
> >
>
>
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[Non-text portions of this message have been removed]

# 13360. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 22:47:17 UTC
From: backhoefade
Topic: 13348  Message: 13360

Look at http://www.mods.dk/

Chas N6AF

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What's the mic mod, Chas?
>
> 73,
>
> Dick
> WBØDUL@a...
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Wednesday, April 03, 2002 2:01 PM
> Subject: [FT100] Re: FT-100D vs IC-706 MKII G
>
>
> My only complaint using the FT-100D as a base unit is the fan
noise.
>
> Can you describe your opinion of each receiver. I chose the
Yaesu
> partly because I run CW a lot and it had the variable bandpass
filter
> DSP. Plus the overload spec was higher on the Yaesu. Just
curious
> how you compare the two receivers.
>
> By the way, are you aware of the mic mod for the FT-100D? It
makes a
> big improvement in the transmit audio.
>
> 73's
> Chas N6AF
>
> --- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> > Michael,
> >
> > I have both the Ft-100D and the IC706MkIIG --- and I
> > like both rigs a lot!!!! I use the FT-100D in my Jeep
> > because the Noise Blanker on the FT-100D is better
> > than the Icom -- period!!! I use my Icom for a base
> > (no space in my small house!) rig -- I think it is a
> > litle more user friendly (no fights, guys, just a

> > personal opinion!). I would buy either rig again!!
> >
> > 73 de N4MVL
> >
> > Lee
> >
> > --- w1rc <w1rc@y...> wrote:
> > > I'll bet this has been beaten to death in the past
> > > but please bear
> > > with me.
> > >
> > > I'm about to make the big buy and need to know if
> > > the problems I've
> > > read about with the FT-100D have been resolved to
> > > the point that the
> > > radio will perform as advertised. Please post or
> > > e-mail me your
> > > comments and experiences with the newer released
> > > FT-100Ds so I might
> > > make a good decision.
> > >
> > > Thanks and 73,
> > >
> > > Michael Crestohl,
> > > W1RC
> > >
> > > mc@s...
> > >
> > >
> >
> >
> > _____
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> > http://taxes.yahoo.com/
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> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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>
>
> [Non-text portions of this message have been removed]

# 13361. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 23:30:14 UTC
From: K4IA@arrl.net
Topic: 13348  Message: 13361

May 01 is when Yaesu started doing the internal grounding that was missing in the earlier units. Lack of that grounding caused them to go into self oscillation and is the root of the complaints you hear about the earlier rigs. Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13362. Re: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 23:30:44 UTC
From: K4IA@arrl.net
Topic: 13348  Message: 13362

take it apart and remove a baffle inside

# 13363. Re: FT-100D One-Touch Tune to be shown at Dayton next month

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 04:10:10 UTC
From: w4wb
Topic: 13328  Message: 13363

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I was planning on being at Dayton, but have a granddaughter graduating from high school that weekend. (I never thought she'd make it, so I ordered my ticket. Hi Hi). Anyway, since I cancelled my wife told me to go ahead and buy the radio I had planned on buying at Dayton. I now have the FT-100D as a consolation prize. (I love it when she talks dirty.)
>
> from what you said I guess I can assume that if I buy the ATAS-100 antenna system I won't need a tuner.
>
> 73,
>
> Dick
> WBØDUL@a...

What I wnat to know is what are you going to get when she graduates from college? :-) In reply to you question, if you use the ATAS-100, you don't need a tuner.

Have fun!
Barry - W4WB

# 13364. Re: [FT100] Loud birdies...!?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-03 17:27:52 UTC
From: Mike May
Topic: 13346  Message: 13364

If you go into the secondary F menus, hold the ABC keys in and turn the power on, then go into the secondary menus and look after the last standard menu you will find around the first F menu a value for the VHF RF gain or something similar. I think you'll find that if you lower this value the 2 meter RF preamp will stop oscillating, play around with this value but first note the original value for reference. I lowered mine about 25 % and then made some receiver DR test and even at the original setting and the 25% reduced setting I had no change in the Rx performance.

Mike
WB8VLC/7
artmiv wrote:

> >This FT-100 had no problems until I tuned onto 2 meter USB
> >sideband where I came across a LOUD BIRDIE that seemed to
> >drift upward slowly. Freq seemed to be temp. dependent
> > (@ 144.160 cold to 144.240 hot).Drifts down when cooling
> >fans kick in. After removing covers and checking cables and
> >grounding, It seemed to be an interaction between the CPU
> >clock x-tal and the main x-tal oscillator. Blowing compressed
> >air across them changed freq.Also heard around 432.6 , 3rd harm.
> >
> >I have'nt heard of this problem before so any input on this
> >would be helpful.
> >
> >Thanx anyone! Art Reno KE6MIV
>
>
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 13365. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 02:33:51 UTC
From: walt_n9fr
Topic: 13348  Message: 13365

I also have both radios and like both a lot.I would replace either
one with the same radio. Point is they are both fine radios.

WALT N9FR

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> Michael,
>
> I have both the Ft-100D and the IC706MkIIG --- and I
> like both rigs a lot!!!! I use the FT-100D in my Jeep
> because the Noise Blanker on the FT-100D is better
> than the Icom -- period!!! I use my Icom for a base
> (no space in my small house!) rig -- I think it is a
> litle more user friendly (no fights, guys, just a
> personal opinion!). I would buy either rig again!!
>
> 73 de N4MVL
>
> Lee
>
> --- w1rc <w1rc@y...> wrote:
> > I'll bet this has been beaten to death in the past
> > but please bear
> > with me.
> >
> > I'm about to make the big buy and need to know if
> > the problems I've
> > read about with the FT-100D have been resolved to
> > the point that the
> > radio will perform as advertised. Please post or
> > e-mail me your
> > comments and experiences with the newer released
> > FT-100Ds so I might
> > make a good decision.
> >
> > Thanks and 73,
> >
> > Michael Crestohl,
> > W1RC
> >
> > mc@s...
> >
> >
>
>

> _____
> Do You Yahoo!?
> Yahoo! Tax Center - online filing with TurboTax
> http://taxes.yahoo.com/

# 13366. Re: [FT100] Re: FT-100D One-Touch Tune to be shown at Dayton next month

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 05:36:51 UTC
From: Dick Thompson
Topic: 13328  Message: 13366

If she graduates from College I'll be too shocked to buy anything. Hi Hi. When she heard I had cancelled my dayton trip to see her graduate she called and said she was happy that I was going to see her graduate but felt badly that I cancelled my trip. I told her "good". Then I said I was only kidding. She's a sweet gal, but like most teens, in a world all her own.

Thanks for the answer to my question aboutmthe antenna.

73,

Dick
WBØDUL@...

----- Original Message -----
From: w4wb
To: FT100@yahoogroups.com
Sent: Wednesday, April 03, 2002 9:10 PM
Subject: [FT100] Re: FT-100D One-Touch Tune to be shown at Dayton next month

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I was planning on being at Dayton, but have a granddaughter
graduating from high school that weekend. (I never thought she'd
make it, so I ordered my ticket. Hi Hi). Anyway, since I cancelled
my wife told me to go ahead and buy the radio I had planned on buying
at Dayton. I now have the FT-100D as a consolation prize. (I love
it when she talks dirty.)
>
> from what you said I guess I can assume that if I buy the ATAS-100
antenna system I won't need a tuner.
>
> 73,
>
> Dick
> WBØDUL@a...

What I wnat to know is what are you going to get when she graduates
from college? :-) In reply to you question, if you use the ATAS-
100, you don't need a tuner.

Have fun!
Barry - W4WB

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[Non-text portions of this message have been removed]

# 13367. Re: [FT100] Re: FT-100D One-Touch Tune to be shown at Dayton next month

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 06:35:49 UTC
From: taurus547@aol.com
Topic: 13328  Message: 13367

The ATAS100 is great. Nothing easier to use. No, you do not need a tuner.

# 13368. high swr on 6 meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 09:07:09 UTC
From: kg4ibd2001
Topic: 13368  Message: 13368

Dear Group

I just get a 100D last week and I'm getting a high SWR reading on 6 meter.I try using a MFJ-6 meter tuner to tune it.I get it set right then when I key up again the SWR go up again.Then I reset the tuner and it happen again.And the tuner work good on a 847. Could someone help me please.

My antenna is a GP15

Shane Miller

KG4IBD

# 13369. SV: [FT100] high swr on 6 meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 13:01:54 UTC
From: Mikael Westerlund
Topic: 13369  Message: 13369

It sounds a you got oscillation in the FT100D.
Have you done "high/swr" mods on your radio ??

I had the problem myself on 6m.
Could not use my 6m antenna but when i switch to my 40m
antenna the rig worked ok. ( very lossy line on 6m = low SWR at the radio ).

So different antennaload can start or stop the oscillation.

/Mike SM3JLA

----- Original Message -----
From: kg4ibd2001 <kg4ibd@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, April 04, 2002 11:07 AM
Subject: [FT100] high swr on 6 meter

> Dear Group
>
> I just get a 100D last week and I'm getting a high SWR reading on
> 6 meter.I try using a MFJ-6 meter tuner to tune it.I get it set right
> then when I key up again the SWR go up again.Then I reset the tuner
> and it happen again.And the tuner work good on a 847. Could someone
> help me please.
>
> My antenna is a GP15
>
>
> Shane Miller
>
> KG4IBD
>
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
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>

>
>

# 13370. Re: [FT100] high swr on 6 meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 13:26:57 UTC
From: JROUGHRYDER@AOL.COM
Topic: 13368  Message: 13370

[Body unavailable in the source archive]

# 13371. Re: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 16:11:26 UTC
From: Lee Boulineau
Topic: 13348  Message: 13371

Yeah Chas,

I did the mic mod - it is an improvement!!! I also did
the fan and grounding mods, as well as making sure
every screw in the rig was properly tightened - the
FT100D is definitely a great rig!!!!

73 de Lee
N4MVL

--- backhoefade <cgarner@...> wrote:
> My only complaint using the FT-100D as a base unit
> is the fan noise.
>
> Can you describe your opinion of each receiver. I
> chose the Yaesu
> partly because I run CW a lot and it had the
> variable bandpass filter
> DSP. Plus the overload spec was higher on the
> Yaesu. Just curious
> how you compare the two receivers.
>
> By the way, are you aware of the mic mod for the
> FT-100D? It makes a
> big improvement in the transmit audio.
>
> 73's
> Chas N6AF
>
> --- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> > Michael,
> >
> > I have both the Ft-100D and the IC706MkIIG --- and
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> > like both rigs a lot!!!! I use the FT-100D in my
> Jeep
> > because the Noise Blanker on the FT-100D is better
> > than the Icom -- period!!! I use my Icom for a
> base
> > (no space in my small house!) rig -- I think it is
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> > litle more user friendly (no fights, guys, just a
> > personal opinion!). I would buy either rig again!!
>
> >
> > 73 de N4MVL

> >
> > Lee
> >
> > --- w1rc <w1rc@y...> wrote:
> > > I'll bet this has been beaten to death in the
> past
> > > but please bear
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> > >
> > > I'm about to make the big buy and need to know
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> > > e-mail me your
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> > > FT-100Ds so I might
> > > make a good decision.
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> > > Thanks and 73,
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> > > Michael Crestohl,
> > > W1RC
> > >
> > > mc@s...
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Do You Yahoo!?
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http://taxes.yahoo.com/

# 13372. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 16:42:56 UTC
From: backhoefade
Topic: 13348  Message: 13372

You are an example of someone who simply takes care of business!
No whining, no denial, just action. Good job.
Yes, the rig is a winner. I get excellent audio reports on AM
operation too. The manual is devoid of any instructions for AM
operation. Maybe they don't want to admit that you MUST use the 6
kHz filter (a separate purchased option) to get proper AM operation.
Are you familiar with AM op with the FT-100D? It's this simple:
1) Set mic gain to 17 (that's seventeen). Or, if you want to use the
processor, enable PRO and set the level "within" the PRO button to 17.
(The PRO setting is nothing more than an alternate "mic gain" control
for processor enabled usage. There is no actual adjustment of the
percentage of compression available in the rig. You can prove this
to yourself by setting the mic gain to zero when you have the
processor enabled and set to some level above zero).
2) In AM mode go into the "F menu functions" and set F51 for 25 Watts
output, with an unmodulated carrier present.
3) If you want a bit more linearity (more obvious "upward modulation"
on an external power meter) then set F15 to about 165. Double check
me on "F15". I think that's the one. It's the HF output power
control in the F menu.

That's it. You will now get 100 Watts PEP AM and have the carrier
set exactly correct at 25 Watts output, unmodulated. The peak
envelope power of a 100% modulated AM signal is 4 times (6 dB) above
the unmodulated carrier power. The common mistakes made during AM
operation are setting the mic gain or "pro" gain too high and not
using the 6 kHz filter. I get excellent AM audio reports on HF.

The FT-100D is really a great performer. It just seems as though
they were in a rush to get the thing released to the market and as a
result a couple design bugs slipped through and the Users Manual
never got the polish it should have had. But we can learn here at
this bulletin board!

One more suggestion - buy headphones with an in-line volume control.
Then you can independently set the CW sidetone level for the speaker
using the internal VR004 potentiometer mounted next to the speaker
cable connector on the PC board, separate from setting the headphone
sidetone level using the in-line volume control.

73's and enjoy the rig!

N6AF Chas

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> Yeah Chas,

> 
> I did the mic mod - it is an improvement!!! I also did
> the fan and grounding mods, as well as making sure
> every screw in the rig was properly tightened - the
> FT100D is definitely a great rig!!!!
> 
> 73 de Lee
> N4MVL
> 
> --- backhoefade <cgarner@h...> wrote:
> > My only complaint using the FT-100D as a base unit
> > is the fan noise.
> > 
> > Can you describe your opinion of each receiver. I
> > chose the Yaesu
> > partly because I run CW a lot and it had the
> > variable bandpass filter
> > DSP. Plus the overload spec was higher on the
> > Yaesu. Just curious
> > how you compare the two receivers.
> > 
> > By the way, are you aware of the mic mod for the
> > FT-100D? It makes a
> > big improvement in the transmit audio.
> > 
> > 73's
> > Chas N6AF
> > 
> > --- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> > > Michael,
> > > 
> > > I have both the Ft-100D and the IC706MkIIG --- and
> > I
> > > like both rigs a lot!!!! I use the FT-100D in my
> > Jeep
> > > because the Noise Blanker on the FT-100D is better
> > > than the Icom -- period!!! I use my Icom for a
> > base
> > > (no space in my small house!) rig -- I think it is
> > a
> > > litle more user friendly (no fights, guys, just a
> > > personal opinion!). I would buy either rig again!!
> > > 
> > > 73 de N4MVL
> > > 
> > > Lee
> > > 
> > > --- w1rc <w1rc@y...> wrote:
> > > > I'll bet this has been beaten to death in the

> > past
> > > > but please bear
> > > > with me.
> > > > >
> > > > I'm about to make the big buy and need to know
> > if
> > > > the problems I've
> > > > read about with the FT-100D have been resolved
> > to
> > > > the point that the
> > > > radio will perform as advertised. Please post
> > or
> > > > e-mail me your
> > > > comments and experiences with the newer released
> > > > FT-100Ds so I might
> > > > make a good decision.
> > > > >
> > > > Thanks and 73,
> > > > >
> > > > Michael Crestohl,
> > > > W1RC
> > > > >
> > > > mc@s...
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> http://taxes.yahoo.com/

# 13373. Re: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 17:00:07 UTC
From: Lee Boulineau
Topic: 13348  Message: 13373

I don't have the AM filter -YET!!! I think I will pick
one up - it shouldn't be a problem to install for me!!

73 de N4MVL
Lee
--- backhoefade <cgarner@...> wrote:
> You are an example of someone who simply takes care
> of business!
> No whining, no denial, just action. Good job.
> Yes, the rig is a winner. I get excellent audio
> reports on AM
> operation too. The manual is devoid of any
> instructions for AM
> operation. Maybe they don't want to admit that you
> MUST use the 6
> kHz filter (a separate purchased option) to get
> proper AM operation.
> Are you familiar with AM op with the FT-100D? It's
> this simple:
> 1) Set mic gain to 17 (that's seventeen). Or, if
> you want to use the
> processor, enable PRO and set the level "within" the
> PRO button to 17.
> (The PRO setting is nothing more than an alternate
> "mic gain" control
> for processor enabled usage. There is no actual
> adjustment of the
> percentage of compression available in the rig. You
> can prove this
> to yourself by setting the mic gain to zero when you
> have the
> processor enabled and set to some level above zero).
> 2) In AM mode go into the "F menu functions" and set
> F51 for 25 Watts
> output, with an unmodulated carrier present.
> 3) If you want a bit more linearity (more obvious
> "upward modulation"
> on an external power meter) then set F15 to about
> 165. Double check
> me on "F15". I think that's the one. It's the HF
> output power
> control in the F menu.
>
> That's it. You will now get 100 Watts PEP AM and
> have the carrier

> set exactly correct at 25 Watts output, unmodulated.
> The peak
> envelope power of a 100% modulated AM signal is 4
> times (6 dB) above
> the unmodulated carrier power. The common mistakes
> made during AM
> operation are setting the mic gain or "pro" gain too
> high and not
> using the 6 kHz filter. I get excellent AM audio
> reports on HF.
>
> The FT-100D is really a great performer. It just
> seems as though
> they were in a rush to get the thing released to the
> market and as a
> result a couple design bugs slipped through and the
> Users Manual
> never got the polish it should have had. But we can
> learn here at
> this bulletin board!
>
> One more suggestion - buy headphones with an in-line
> volume control.
> Then you can independently set the CW sidetone level
> for the speaker
> using the internal VR004 potentiometer mounted next
> to the speaker
> cable connector on the PC board, separate from
> setting the headphone
> sidetone level using the in-line volume control.
>
> 73's and enjoy the rig!
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> N6AF Chas
>
>
> --- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> > Yeah Chas,
> >
> > I did the mic mod - it is an improvement!!! I also
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> > the fan and grounding mods, as well as making sure
> > every screw in the rig was properly tightened -
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> > FT100D is definitely a great rig!!!!
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> > 73 de Lee
> > N4MVL
> >
> > --- backhoefade <cgarner@h...> wrote:

> > > My only complaint using the FT-100D as a base
> unit
> > > is the fan noise.
> > >
> > > Can you describe your opinion of each receiver.
> I
> > > chose the Yaesu
> > > partly because I run CW a lot and it had the
> > > variable bandpass filter
> > > DSP. Plus the overload spec was higher on the
> > > Yaesu. Just curious
> > > how you compare the two receivers.
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> > > By the way, are you aware of the mic mod for the
> > > FT-100D? It makes a
> > > big improvement in the transmit audio.
> > >
> > > 73's
> > > Chas N6AF
> > >
> > > --- In FT100@y..., Lee Boulineau <n4mvl@y...>
> wrote:
> > > > Michael,
> > > >
> > > > I have both the Ft-100D and the IC706MkIIG ---
> and
> > > I
> > > > like both rigs a lot!!!! I use the FT-100D in
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> > > Jeep
> > > > because the Noise Blanker on the FT-100D is
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> > > > than the Icom -- period!!! I use my Icom for a
> > > base
> > > > (no space in my small house!) rig -- I think
> it is
> > > a
> > > > litle more user friendly (no fights, guys,
> just a
> > > > personal opinion!). I would buy either rig
> again!!
> > >
> > > >
> > > > 73 de N4MVL
> > > >
> > > > Lee
> > > >
> > > > --- w1rc <w1rc@y...> wrote:
> > > > > I'll bet this has been beaten to death in
> the

> > > past
> > > > > but please bear
> > > > > with me.
> > > > >
> > > > > I'm about to make the big buy and need to
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> > > if
> > > > > the problems I've
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> resolved
> > > to
> > > > > the point that the
> > > > > radio will perform as advertised. Please
> post
> > > or
> > > > > e-mail me your
> > > > > comments and experiences with the newer
> released
> > > > > FT-100Ds so I might
> > > > > make a good decision.
> > > > >
> > > > > Thanks and 73,
> > > > >
> > > > > Michael Crestohl,
> > > > > W1RC
> > > > >
> > > > > mc@s...
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# 13374. RE: [FT100] Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 18:01:17 UTC
From: Smith Rick-CARA91
Topic: 13274  Message: 13374

the Heil combination works well for me, cautions about having the total ear coverage in some jurisdictions, they like you to hear ambulances....There is a new Heil that does not block out hearing that looks nice. KT7G

-----Original Message-----
From: G4NVB [mailto:g4nvb@...]
Sent: Monday, April 01, 2002 2:29 AM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Which boom mike / headset

Hello Mike,

I use the Linear Amp UK (Heatherelite) Headset with good reports.

Regards,

David Higgs (G4NVB).

-----Original Message-----
From: Steve Haseldine [mailto:g8ebm@...]
Sent: Sunday, March 31, 2002 4:12 PM
To: FT100@yahoogroups.com
Subject: [FT100] Which boom mike / headset

Does anyone use a boom mike / headset for mobile use with the FT100D? If so what do you use and how does it perform. I know Heil make one specially for the Icom 706 but not sure if they have one set up for the FT100.

I want to buy one and would be interested in other users experiences first!

73 de

Steve Haseldine G8EBM

g8ebm@...

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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Post message: FT100@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 13375. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 18:03:31 UTC
From: backhoefade
Topic: 13348  Message: 13375

When I installed it I partially pulled one of the several ribbon cables out of its PC mount connector. The result was the strangest sounding and behaving receiver I've ever heard. So watch the ribbon cables. It doesn't take much to unseat them. The whole installation is pretty delicate. You have to twist the board up to get to the filter mounting positions. On mine I had to cut one wire Yaesu had apparently added as part of some rework but I just re-did it after the board was laid back down. You should have no real trouble - it's just tedious.
N6AF Chas

--- In FT100@y..., Lee Boulineau <n4mvl@y...> wrote:
> I don't have the AM filter -YET!!! I think I will pick
> one up - it shouldn't be a problem to install for me!!
>
> 73 de N4MVL
> Lee

# 13376. FT-100 early problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 18:10:51 UTC
From: k1epj@aol.com
Topic: 13376  Message: 13376

I am looking for a good used FT-100/FT100D. I know that some of the early ones had problems. Is there a certain serial number that I should be looking for?

Dave

# 13377. Re: FT-100 early problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 18:22:35 UTC
From: backhoefade
Topic: 13376  Message: 13377

I read here that beginning about June 2001 Yaesu started shipping units with the spurious oscillation modification done (sometimes called the "SWR icon" mod). But I would be wary about going by the serial number since there isn't a 100% correlation between serial number and mod inclusion.

Also, the very latest units still lack the VHF/UHF fan mod. A quick "fan mod" fix is to add a resistor as described in many earlier postings.

The third mod is the "mic mod" which must be done by the buyer and isn't absolutely neccesary, but is essential if you want superb transmit audio reports.

N6AF Chas

--- In FT100@y..., k1epj@a... wrote:
>
> I am looking for a good used FT-100/FT100D. I know that some of the early ones had problems. Is there a certain serial number that I should be looking for?
>
> Dave

# 13378. Re: high swr on 6 meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 18:35:47 UTC
From: backhoefade
Topic: 13368  Message: 13378

You likely need the spurious oscillation mod. The Yaesu repair
center will do it but you have to give up the rig for a couple months
(ask for the "spurious oscillation mod". Or you can try to do it
yourself using the information in the archives and "Photos" section
of this bulletin board but you run the risk of messing it up and
voiding the warranty. If you send it in you should also ask for
the "VHF/UHF fan mod" at the same time. Don't bother trading it in
for another one either as it's very likely that the next one will do
it too. Once the mods are done you will have a solid rig.
Good luck.

N6AF Chas

--- In FT100@y..., "kg4ibd2001" <kg4ibd@b...> wrote:
> Dear Group
>
> I just get a 100D last week and I'm getting a high SWR reading on
> 6 meter.I try using a MFJ-6 meter tuner to tune it.I get it set
right
> then when I key up again the SWR go up again.Then I reset the tuner
> and it happen again.And the tuner work good on a 847. Could someone
> help me please.
>
> My antenna is a GP15
>
>
> Shane Miller
>
> KG4IBD

# 13379. Re: Which boom mike / headset

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 19:23:31 UTC
From: ab8jc
Topic: 13274  Message: 13379

--- In FT100@y..., Smith Rick-CARA91 <k7gdn@a...> wrote:
> the Heil combination works well for me, cautions about having the
> total ear coverage in some jurisdictions, they like you to hear
> ambulances....

I don't know where you are located; there may be such a law there.

But in Ohio, they routinely grant driver's licenses to Deaf people. How many ambulances d'ye think a profoundly Deaf person hears? I heard the "no headphones while driving" thing while growing up here; I later became a police officer and found there was NOT any such law here (nor "no sandals," "no bare feet," etc.).

A'course, anybody can get a ticket anytime for driving unsafely or failing to yield to emergency vehicles, whatever may have caused it.

Steve AB8JC

# 13380. FT100 Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 19:51:16 UTC
From: gavin AT
Topic: 13380  Message: 13380

Hi All,
Just in the process of doing the mic mod on my ft100,when i took it apart there is no plastic baffle just a small round felt pad held in place by a round rubber grommet also the two holes on the mic front are not there, just a small slit in the top right hand corner next to the lock switch.
The mic model is MH-42b and the radio was manufactured in July 1999, I have had the radio from new.
Would it be worth me leaving the felt pad and grommet out on reassembly in the hope of improving the audio.
Regards,
MW1 GAV : Gavin
N Wales

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# 13381. Re: FT100 Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 20:58:05 UTC
From: backhoefade
Topic: 13380  Message: 13381

Can't speak for a mic I'm not familiar with. You'll have to
experiment to see if it helps. Do you have a monitor receiver?
Try it on the air with the felt pad removed.

--- In FT100@y..., gavin AT <gavin101_uk@y...> wrote:
> Hi All,
> Just in the process of doing the mic mod on my
> ft100,when i took it apart there is no plastic baffle
> just a small round felt pad held in place by a round
> rubber grommet also the two holes on the mic front are
> not there, just a small slit in the top right hand
> corner next to the lock switch.
> The mic model is MH-42b and the radio was manufactured
> in July 1999, I have had the radio from new.
> Would it be worth me leaving the felt pad and grommet
> out on reassembly in the hope of improving the audio.
> Regards,
> MW1 GAV : Gavin
> N Wales
>
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# 13382. Re: [FT100] FT100 Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 22:34:57 UTC
From: Ken Ward
Topic: 13380  Message: 13382

Hi Gavin,
I tried that and came to the conclusion that the mic is
different to the one supplied in the US.

Ken, G1ITV
BOLTON.
UK

----- Original Message -----
From: "gavin AT" <gavin101_uk@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, April 04, 2002 8:51 PM
Subject: [FT100] FT100 Mic Mod

> Hi All,
> Just in the process of doing the mic mod on my
> ft100,when i took it apart there is no plastic baffle
> just a small round felt pad held in place by a round
> rubber grommet also the two holes on the mic front are
> not there, just a small slit in the top right hand
> corner next to the lock switch.
> The mic model is MH-42b and the radio was manufactured
> in July 1999, I have had the radio from new.
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>

>

# 13383. Re: [FT100] FT100 Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 22:41:25 UTC
From: Alek Petkovic
Topic: 13380  Message: 13383

No, don't modify the MH-42. It is a beautiful sounding microphone. If you are using it, you should be getting very nice audio reports.

The MH-36 is the one that the people are modifying. The mod is only applicable to that microphone. It is the dtmf microphone which is supplied as standard with the radio in some countries. Here in Australia we have to buy it as an optional extra if we want it.

Happy ft100ing,
Alek. VK6APK

At 11:51 AM 04-04-02 -0800, you wrote:
>Hi All,
>Just in the process of doing the mic mod on my
>ft100,when i took it apart there is no plastic baffle
>just a small round felt pad held in place by a round
>rubber grommet also the two holes on the mic front are
>not there, just a small slit in the top right hand
>corner next to the lock switch.
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>
>We are all a part of this Lets make it as good as possible.
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# 13384. Re: [FT100] FT100 Mic Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 23:31:39 UTC
From: Dick Thompson
Topic: 13380  Message: 13384

I just did the mod and my mic is the MH-36B. The plastic baffle was there and I took it out per the instructions. I punched through the plugged hole and put it back together. Works like a charm and my audio reports have been much better. Before I had reports of a raspiness. That seems to have gone away.

73,

Dick
WBØDUL@...
----- Original Message -----
From: gavin AT
To: FT100@yahoogroups.com
Sent: Thursday, April 04, 2002 12:51 PM
Subject: [FT100] FT100 Mic Mod

Hi All,
Just in the process of doing the mic mod on my
ft100,when i took it apart there is no plastic baffle
just a small round felt pad held in place by a round
rubber grommet also the two holes on the mic front are
not there, just a small slit in the top right hand
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Regards,
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13385. Re: [FT100] Re: FT-100 early problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-04 23:33:27 UTC
From: Dick Thompson
Topic: 13376  Message: 13385

I did the mod on my MH-36B Chas. Much better audio reports from the mobile. Thanks for sending me the site.

73,

Dick
WBØDUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, April 04, 2002 11:22 AM
Subject: [FT100] Re: FT-100 early problems

I read here that beginning about June 2001 Yaesu started shipping units with the spurious oscillation modification done (sometimes called the "SWR icon" mod). But I would be wary about going by the serial number since there isn't a 100% correlation between serial number and mod inclusion.

Also, the very latest units still lack the VHF/UHF fan mod. A quick "fan mod" fix is to add a resistor as described in many earlier postings.

The third mod is the "mic mod" which must be done by the buyer and isn't absolutely neccesary, but is essential if you want superb transmit audio reports.

N6AF Chas

--- In FT100@y..., k1epj@a... wrote:
>
> I am looking for a good used FT-100/FT100D. I know that some of the early ones had problems. Is there a certain serial number that I should be looking for?
>
> Dave

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[Non-text portions of this message have been removed]

# 13386. Re: Loud birdies...!?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 01:29:53 UTC
From: artmiv
Topic: 13346  Message: 13386

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> If you go into the secondary F menus, hold the ABC keys in and turn
the
> power on, then go into the secondary menus and look after the last
> standard menu you will find around the first F menu a value for the
VHF
> RF gain or something similar. I think you'll find that if you lower
> this value the 2 meter RF preamp will stop oscillating, play around
with
> this value but first note the original value for reference. I
lowered
> mine about 25 % and then made some receiver DR test and even at the
> original setting and the 25% reduced setting I had no change in the
Rx
> performance.
>
> Mike
> WB8VLC/7
> artmiv wrote:
>
> Well, I tried going in and changing both the RF and IF gain on 144
> MHZ, but the birdie only changed in received strength and never
> stopped oscillating...I still believe it,s coming from the control
> board behind the front panel mounting plate... I blew compressed
> air on that board and the birdie frequency dropped by 20KHZ !
> Pretty weird problem HUH ! I called YAESU and customer service
> tech ( who I know !) had not seen that problem before so after
> they settle in their new location in Cypress ( and get caught up
> on their repair backlog !) I'll get it checked out unless I find
> it first !
>
> Thanx for the tips anyway, the more info the better !
> Art Reno KE6MIV
> > >This FT-100 had no problems until I tuned onto 2 meter USB
> > >sideband where I came across a LOUD BIRDIE that seemed to
> > >drift upward slowly. Freq seemed to be temp. dependent
> > > (@ 144.160 cold to 144.240 hot).Drifts down when cooling
> > >fans kick in. After removing covers and checking cables and
> > >grounding, It seemed to be an interaction between the CPU
> > >clock x-tal and the main x-tal oscillator. Blowing compressed
> > >air across them changed freq.Also heard around 432.6 , 3rd harm.
> > >
> > >I have'nt heard of this problem before so any input on this
> > >would be helpful.
> > >

> > >Thanx anyone! Art Reno KE6MIV
> >
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>
> [Non-text portions of this message have been removed]

# 13387. Is this a cheap alternative to those expensive Heil headsets?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 01:38:07 UTC
From: yetbbwa
Topic: 13387  Message: 13387

Sorry if this was discussed at some other point - I did a few search in the archives and didn't see anything like I am about to mention. I was searching around for a good - affordable headset. I looked at the Heil Pro 5 - used for 100$ and thought - what a rip. And now, they don't even make them anymore. So, I started searching the web. I found several mics for DJing (Disc Jockeying) that look very suitable - and very close to the same as the heil. Some brands were Stanton Magnetics, NuMark and Gemini.

I haven't tried any of these yet, so I can't attest to their usablility:

Heil Pro 5 alternative:

http://www.stantonmagnetics.com/stingray/hp_djpro500mc.asp

Heil Pro Set 5 alternative (check that price!)

http://www.competitionsound.com/d200m.html
http://www.pricesrite.com/em400.html

I figure for the microphone response - you could always adjust the mic setting on the radio or change the carrier point to get an acceptable sound for what you are trying to use it for. Or - you could always probably fit an actual Heil end onto one of these mics. Perhaps you would need to add some type of RF filtering too - but - they look like a mighty good alternative to me and the prices can't be beat!

Hope this was useful.

Scott McClements.

# 13388. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 03:11:58 UTC
From: Dick Thompson
Topic: 13348  Message: 13388

I agree with you about the lack of a grounding lug on the FT-100D, Pres. I looked at the web site you referenced. My Gawd. Where do I start looking? Hint, hint...

73,

Dick
WBØDUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, April 03, 2002 8:37 AM
Subject: Re: [FT100] FT-100D vs IC-706 MKII G

One thing I have found to be irritating is the fact that Yaesu didn't put a ground lug on the back of the radio. I realize there are other options, but it would have been more convenient to have a place dedicated to grounding the radio. But it's not a big deal, just an inconvenience.

A ground lug can be approximated by buying, at a CB shop/truckstop, a set of knurled thumbscrews to replace the phillips screws that mount the mobile mounting bracket. You need 4mm ( 6mm length max- if too long, grind off or place a nut under the screw as a washer ).

If no luck, my local shop http://www.tandmelectronics.com has them for $1.25/2pk

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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[Non-text portions of this message have been removed]

# 13389. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 03:26:00 UTC
From: Pres Waterman
Topic: 13348  Message: 13389

I agree with you about the lack of a grounding lug on the FT-100D, Pres. I looked at the web site you referenced. My Gawd. Where do I start looking? Hint, hint...

Terrible website. But for a hole-in-the-wall local alternative to Radio Shack they have some surprising stuff. Today, I picked up a special mount for the ATAS-100 on my new Mustang Convertable, the one with the thick fiberglas hood and trunk. Just think about that for a minute...

After half an hour of us scratching both our brains he came up with an old bracket mount that mounts inside the trunk, and folds around and makes some sort of shelf that sticks out of the trunk. What I needed was something that I can screw into the
shock tower and sticks out of the hood... or trunk, whatever.

He had it. DUSTY! 1976 vintage product. At $10 I liked it better than the $65 Comet fold-away mount.

We'll see.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

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# 13390. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 05:16:03 UTC
From: Dick Thompson
Topic: 13348  Message: 13390

Well, I'll be looking for a mount for my F-250 pickemup and my Buick Regal.

How tall is the ATAS-100? There is a plug in the roof of the pickup where an antenna was once installed. It would be a good place to mount it, but darned if I want to hit something low and break it off.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Thursday, April 04, 2002 8:26 PM
Subject: Re: [FT100] FT-100D vs IC-706 MKII G

I agree with you about the lack of a grounding lug on the FT-100D, Pres. I looked at the web site you referenced. My Gawd. Where do I start looking? Hint, hint...

Terrible website. But for a hole-in-the-wall local alternative to Radio Shack they have some surprising stuff. Today, I picked up a special mount for the ATAS-100 on my new Mustang Convertable, the one with the thick fiberglas hood and trunk. Just think about that for a minute...

After half an hour of us scratching both our brains he came up with an old bracket mount that mounts inside the trunk, and folds around and makes some sort of shelf that sticks out of the trunk. What I needed was something that I can screw into the
shock tower and sticks out of the hood... or trunk, whatever.

He had it. DUSTY! 1976 vintage product. At $10 I liked it better than the $65 Comet fold-away mount.

We'll see.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
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# 13391. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 08:39:54 UTC
From: taurus547@aol.com
Topic: 13348  Message: 13391

I have not measured mine, but it is probably between 4 and 5 feet long when fully extended. No low-roof garages if its mounted on the roof.

# 13393. Re: [FT100] Downloadable FT-100 Owners Manual ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 12:46:10 UTC
From: Lee Devlin
Topic: 13393  Message: 13393

--- w1rc <w1rc@...> wrote:

>Does anyone know where I
> maigh be able to
> download a copy of the Operating Manual?

If you read carefully, you'll find a link to it at:

http://k0lee.com/ft100faq.html#manual

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 13394. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 12:49:08 UTC
From: Lee Devlin
Topic: 13348  Message: 13394

--- Dick Thompson <wb0dul@...> wrote:

> How tall is the ATAS-100?

From the FAQ section at:

http://k0lee.com/ft100faq.html#atas

"The ATAS antenna is 56" fully retracted and 63.5"
fully extended. A trunk lip mount like the Diamond
K400 adds about 2" to the overall height. The whip
portion of the antenna extends 35.5" above the base
and the whip is 2 mm (.080") in diameter."

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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http://taxes.yahoo.com/

# 13395. Re: Universal Radio extended warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 00:17:07 UTC
From: ft100guy
Topic: 13338  Message: 13395

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> I just notices in the Universal Radio ( http://www.rf-fun.com )
catalog that
> extended warranties are available for radios purchased new from
them. Hf
> mobiles are $49 for 2 years of extension, a total of 3 years.
>
> $24.50 per year of peace of mind. Not bad, if you are going for
that first
> or second FT-100
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

Maybe we should warn them!! I hope they stay in Business :-)

Regards.. Richy N2ZD

# 13396. Re: [FT100] Downloadable FT-100 Owners Manual ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 15:15:19 UTC
From: Dick Thompson
Topic: 13393  Message: 13396

I don't need a manual, Lee, but it was right there like you indicated. I'm sure that potential future buyers of the FT-100 will appreciate the information.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 5:46 AM
Subject: Re: [FT100] Downloadable FT-100 Owners Manual ???

--- w1rc <w1rc@...> wrote:

>Does anyone know where I
> maigh be able to
> download a copy of the Operating Manual?

If you read carefully, you'll find a link to it at:

http://k0lee.com/ft100faq.html#manual

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 13397. Re: [FT100] FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 15:18:36 UTC
From: Dick Thompson
Topic: 13348  Message: 13397

Thanks again, Lee.

I need to look at the different mounts available. I am presently using a Hamstick mounted on the mirror on the drivers side of my pickup, but it is really high. Too high in fact. I also need to have an antenna that I can put on my family car without drilling any holes or messing up the paint job.

73,

Dick
WBØDUL@...

----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 5:49 AM
Subject: Re: [FT100] FT-100D vs IC-706 MKII G

--- Dick Thompson <wb0dul@...> wrote:

> How tall is the ATAS-100?

>From the FAQ section at:

http://k0lee.com/ft100faq.html#atas

"The ATAS antenna is 56" fully retracted and 63.5"
fully extended. A trunk lip mount like the Diamond
K400 adds about 2" to the overall height. The whip
portion of the antenna extends 35.5" above the base
and the whip is 2 mm (.080") in diameter."

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 13398. Photos from MIR. I.S.S and qsl's D.X.C.C albums from my station....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 13:34:34 UTC
From: f5asdjerome@aol.com
Topic: 13398  Message: 13398

73's to all! if your interesting, click on the links to visit my albums on internet.... My DXCC QSL's album... http://communities.msn.fr/dxqslcartes/mesqsls1.msnw http://communities.msn.fr/dxqslcartes/lesqslsdecosmonautesdemir.msnw?Page=1 photos from cosmonauts, i had contacts on I.S.S and MIR.... http://communities.msn.fr/dxqslcartes/articlesdepressef5asd.msnw F5ASD in CQ magazine and mégahertz magazine.... http://communities.msn.fr/dxqslcartes/monalbum29mhzfmmesdxccs.msnw My qsl cards from 29 MHZ F.M DX..... http://communities.msn.fr/dxqslcartes/imagessstvdemir.msnw pictures received from MIR on SSTV.... 73'S F5ASD jEROME Please sign my guestbook: on internet: via my web site: http://www.ifrance.com/dxqslcartes [Non-text portions of this message have been removed]

# 13399. Re: [FT100] Re: Loud birdies...!?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 15:28:24 UTC
From: Mike May
Topic: 13346  Message: 13399

Looks like you have a new swarm of birdiies in your radio, just kidding try tuning around 148.15 MHz(+- several KHz) and see if your radio has a loud one around there. If not then maybe your synthesizer is tuned differently from other radios. A lot of us have reported spurs about 148.15 +- several KHz and if you don't have oneclose to this frequency in your radio then maybe Yaesu has moved the spur frequencies around since there were several who complained about it being on the CAP frequency.

Mike

artmiv wrote:

> --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > If you go into the secondary F menus, hold the ABC keys in and turn
> the
> > power on, then go into the secondary menus and look after the last
> > standard menu you will find around the first F menu a value for the
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> > this value but first note the original value for reference. I
> lowered
> > mine about 25 % and then made some receiver DR test and even at the
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> >
> > Mike
> > WB8VLC/7
> > artmiv wrote:
> >
> > Well, I tried going in and changing both the RF and IF gain on 144
> > MHZ, but the birdie only changed in received strength and never
> > stopped oscillating...I still believe it,s coming from the control
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> > air on that board and the birdie frequency dropped by 20KHZ !
> > Pretty weird problem HUH ! I called YAESU and customer service
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> > they settle in their new location in Cypress ( and get caught up
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> >
> > Thanx for the tips anyway, the more info the better !

> > Art Reno KE6MIV
> > > >This FT-100 had no problems until I tuned onto 2 meter USB
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> > > > (@ 144.160 cold to 144.240 hot).Drifts down when cooling
> > > >fans kick in. After removing covers and checking cables and
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> > > >I have'nt heard of this problem before so any input on this
> > > >would be helpful.
> > > >
> > > >Thanx anyone! Art Reno KE6MIV
> > >
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# 13400. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 19:24:32 UTC
From: backhoefade
Topic: 13348  Message: 13400

I've never had to use grounding at the rig in any base or mobile application. Since having the spurious oscillation mod done I've never had a problem developing full power in any installation. Never need grounding at the rig other than the DC return line back to the battery. Yaesu obviously didn't expect to have to have the rig grounded or they would have provided a connection for it.

N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I agree with you about the lack of a grounding lug on the FT-100D, Pres. I looked at the web site you referenced. My Gawd. Where do I start looking? Hint, hint...
>
> 73,
>
> Dick
> WBØDUL@a...
> ----- Original Message -----
> From: Pres Waterman
> To: FT100@y...
> Sent: Wednesday, April 03, 2002 8:37 AM
> Subject: Re: [FT100] FT-100D vs IC-706 MKII G
>
>
>
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>
>
> A ground lug can be approximated by buying, at a CB shop/truckstop, a set of
> knurled thumbscrews to replace the phillips screws that mount the mobile
> mounting bracket. You need 4mm ( 6mm length max- if too long, grind off or
> place a nut under the screw as a washer ).
>
> If no luck, my local shop http://www.tandmelectronics.com has them for

> $1.25/2pk
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
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# 13401. Re: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 19:35:06 UTC
From: Dick Thompson
Topic: 13348  Message: 13401

That's an interesting theory, Chas. All I've seen about mobiling with the FT-100D is 'Ground, ground, ground." Now you're tossing out a whole different thought. Is this a test? :)

You know, I ran a 70 watt Kenwood 2 meter rig in vehicles for about 20 years. I never had anymore grounding than the return to the negative side of the battery. Also, I never had any problems. Any kind of ground wouldn't hurt things, but I find your comment interesting.

73,

Dick
WBØDUL@...

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 12:24 PM
Subject: [FT100] Re: FT-100D vs IC-706 MKII G

I've never had to use grounding at the rig in any base or mobile application. Since having the spurious oscillation mod done I've never had a problem developing full power in any installation. Never need grounding at the rig other than the DC return line back to the battery. Yaesu obviously didn't expect to have to have the rig grounded or they would have provided a connection for it.

N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> I agree with you about the lack of a grounding lug on the FT-100D, Pres. I looked at the web site you referenced. My Gawd. Where do I start looking? Hint, hint...
>
> 73,
>
> Dick
> WBØDUL@a...
> ----- Original Message -----
> From: Pres Waterman
> To: FT100@y...
> Sent: Wednesday, April 03, 2002 8:37 AM
> Subject: Re: [FT100] FT-100D vs IC-706 MKII G
>
>
>
> One thing I have found to be irritating is the fact that Yaesu didn't put a

> ground lug on the back of the radio. I realize there are other
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shop/truckstop, a set of
> knurled thumbscrews to replace the phillips screws that mount the
mobile
> mounting bracket. You need 4mm ( 6mm length max- if too long,
grind off or
> place a nut under the screw as a washer ).
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> If no luck, my local shop http://www.tandmelectronics.com has
them for
> $1.25/2pk
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
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# 13402. RE: [FT100] Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 20:11:08 UTC
From: Cliff Bryant
Topic: 13348  Message: 13402

Presumably this is the same Yaesu that didn't expect

the rig PA to oscillate (and self destruct) before the mods were done;
(It happened to me)
have the VHF/UHF PA blow up before additional cooling was fitted; (It
happened to me and was expensive!)
require holes to be added to the microphone to get decent audio (ok this
one is emotive)?

Cliff, G4PZK

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: 05 April 2002 20:25
To: FT100@yahoogroups.com
Subject: [FT100] Re: FT-100D vs IC-706 MKII G

I've never had to use grounding at the rig in any base or mobile
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never had a problem developing full power in any installation. Never
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N6AF Chas

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> ----- Original Message -----
> From: Pres Waterman
> To: FT100@y...
> Sent: Wednesday, April 03, 2002 8:37 AM
> Subject: Re: [FT100] FT-100D vs IC-706 MKII G
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> Thanks
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# 13403. A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 21:26:35 UTC
From: backhoefade
Topic: 13348  Message: 13403

I knew this would stir up some good discussion.

Here's my "groundless" arguement:

My point is simply this. Do not confuse what you might call "traditional" station grounding practices with grounding that is added in order to suppress or eliminate an internal spurious oscillation design flaw. Quite frankly, from the standpoint of antenna feedpoint impedance control, the addition of an "earth" or vehicle chassis ground at the exciter has zero effect on matters. At least it shouldn't. The feedpoint impedance is solely established by the physics of the radiating element(s) and, in the case of a "counterpoised" antenna, appropriate grounding at the antenna feedpoint and sufficient ground plane area (natural or man-made) in the vicinity of the antenna. Grounding at the exciter (the FT-100D under your dashboard for example) only provides a safety measure in terms of providing a conduction path in the event that the antenna system incurs a high voltage input (eg. lightning strike). The grounding at the rig is so distant from the antenna in terms of inductive (and possibly resistive) isolation that such ground will have virtually no impact on feedpoint impedance at the antenna itself. If you have a high SWR situation, that's an anomalous situation and you may influence the effective SWR at the rig's output port, but as I said, that's an anomalous case.

In general, a radio should never, ever emit a spurious oscillation at some arbitrary, unintended frequency, regardless of how whacko the load is that it's looking into. In the case of what appears to have been about 20% of FT-100Ds, these boxes would put out a spurious signal at about 13.65 MHz regardless of how perfect the load was at either 24 or 28 MHz. Some people found that adding external grounding here and there would sometimes eliminate the spurious oscillation but that extra grounding should not be required. The rig should operate, without spurious outputs , while sitting on an insulated table, connected to a independant 12 Volt car battery next to it, with its antenna connector connected to an arbitrary length of coax to any reasonable 50 ohm, resistive/partially reactive load, as long as the mismatch at the antenna feedpoint results in an SWR less than about 2 to 1, where the SWR fold-back circuit appropriately kicks in.

I really like my FT-100D. But I'm not going to kid myself into thinking that a bunch of external grounding should be neccessary in order to operate it without having spurious oscillations occur. A fair percentage of them had the bug and the proper remedy is the internal modification.

End of "groundless" discussion. Time to enjoy the rig.

N6AF Chas

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
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> require holes to be added to the microphone to get decent audio (ok
this
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> Cliff, G4PZK
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: 05 April 2002 20:25
> To: FT100@y...
> Subject: [FT100] Re: FT-100D vs IC-706 MKII G
>
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> > Dick
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> > From: Pres Waterman
> > To: FT100@y...
> > Sent: Wednesday, April 03, 2002 8:37 AM
> > Subject: Re: [FT100] FT-100D vs IC-706 MKII G

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> > Thanks
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> > Pres Waterman W2PW
> > c/o Patchogue Motors, Inc.
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> [Non-text portions of this message have been removed]

# 13404. Re: [FT100] A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 22:05:08 UTC
From: John McClain
Topic: 13348  Message: 13404

I am curious what you base your 20% estimate on. I have never seen
any numbers published by anyone as to the number of units produced
verses the number of units that fail. Reading your message has given
me a great idea. Since I can't enjoy my rig because I am afraid to
turn it on, I will add a second antenna that is tuned to 13.65MHZ in
parallel
with the normal antenna. This way when the rig decides to start
oscillating on its on, it won't see a high SWR and self-distruct.
Da-da, problem fixed!

John
K7SVV@...

>In the case of what appears to have been about 20% of FT-100Ds, these
>boxes would put out a spurious signal at about 13.65 MHz regardless
>>of how perfect the load was at either 24 or 28 MHz.

# 13405. another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 22:06:33 UTC
From: Pres Waterman
Topic: 13405  Message: 13405

Hi. As a car dealer/Amateur Radio operator, I have some unique insight into the challenges of getting a FT-100 and ATAS-100 working in many different vehicles, so I would like to share speedbumps and freeways when I come across them.

This month's challenge to mounting the ATAS-100 is a 2002 mineral-grey black-top leather seats Mustang Convertible. ( Yes, I look good driving it. Approximately 4.5 dB improvement in my looks when in the car ). Problem is they now have changed to fiberglas ( fabric on the roof of course ) on virtually all horizontal surfaces. What to do?

Forget Radio Shack. They have nothing I need for this. Universal Radio ( http://www.rffun.com ) quoted me over $60 for a Comet or Diamond fold-over mount. So I went to the local hole-in-the-wall http://www.tandmelectronics.com who has many obscure things, all very dusty. After some considerable head-scratching and blank stares I finally asked him if he has any sheet-metal. I was going to duplicate an old mount idea. He came up with a vintage 1976 fold-away inside-trunk CB mount for $10. I will try to draw it when viewed from behind, on the left side of the car:

```
__<---- antenna mounts on this horizontal pre-drilled SO-239 sized hole
|__<---------- trunk closes over this horizontal surface
_ |
|__|
<== hinge... ( I removed the hinge and the stuff on the left that
curls up )
```

It's supposed to be screwed UP into the underside of the trunk, and it flip-flops down into the trunk. "Don't tip-off the rip-offs" ( I told you it was from the '70's )

So, I was now left with this "Z" bracket

```
__
|__
|
|
|
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so I have this mounted to the vertical side surface inside the engine compartment. The hood closes and the bracket sticks out a little.

```
ATAS-100 goes here
\/
__
| _____________HOOD
|__
```

|<- screwed
|
|<- screwed into car ( GOOD ground!!! )

As an aside, Ford seems to have gone back to a centralized coil-pack, not having a coil on each spark plug. Since this pack was so close to the antenna mount, I decided to ground the coax shield directly to the coil-pack mount. I don't know if this hurts or helps ( my thought was maybe by putting the pulses directly on the shield it might somehow cancel the pops in the antenna??? Wishful, I know )

There is gummy tape between the mount and the paint, as I expect the flexing antenna will wear into the paint otherwise.

Performance? 40m check, 30m check, 20m check, 17m check, 15m check, 12m check, 10m check, 10m check, 6m check! Good SWR, no RF pollution flashing display in TX ( that developed in the Escape mysteriously after a few weeks ), no stalling engine when TX. Ignition noise... not so bad! 40m none, 30m some, 20m good, 15m good, 10mFM still S8 ( arrgh ), these are very preliminary reports mind you, but seems good.

Transceiver is mounted vertically in front of the very small ( kids fit perfect ) rear seat. Control head as I usually do, behind the driver's sun visor.

2m and 440 antenna is mag-mounted to the steel panel where it briefly turns horizontal next to the trunk. Thinking of going to a Larsen glass-mount up high on the windshield.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13406. Re: [FT100] another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 22:29:07 UTC
From: Dick Thompson
Topic: 13405  Message: 13406

Thanks, Pres. I see what you're doing. I'll bet you got one helluva deal on the Mustang. :)

73,

Dick
WBØDUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 3:06 PM
Subject: [FT100] another success story

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It's supposed to be screwed UP into the underside of the trunk, and it flip-flops down into the trunk. "Don't tip-off the rip-offs" ( I told you it was from the '70's )

So, I was now left with this "Z" bracket

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so I have this mounted to the vertical side surface inside the engine compartment. The hood closes and the bracket sticks out a little.

ATAS-100 goes here
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Transceiver is mounted vertically in front of the very small ( kids fit perfect ) rear seat. Control head as I usually do, behind the driver's sun visor.

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Thanks

Pres Waterman W2PW
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Long Island Ford and Kia dealer

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# 13407. RE: [FT100] A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 22:32:03 UTC
From: Cliff Bryant
Topic: 13348  Message: 13407

Hi Chas

Great discussion indeed...

You are perfectly correct about an earth not being required at the exciter output (in theory). This does assume that no rf current is present in the negative of the system. The addition of an earth at the exciter has no bearing on the actual rf output to the load. In a fixed station the addition of ground tags is to allow all units to be bonded to a common star earth point mainly for safety, assuming we are feeding a balanced aerial of course.

Since in an automotive installation the aerial is being driven against a ground it is essential that a good ground to the chassis is provided at the aerial mount... just as you said. However if the negative of the radio is connected directly to the negative of the battery (via the power wire) then the rig can effectly float if RF gets into the negative of the system. If however you bond the negative of the radio to the chassis and the earth of the feedpoint to the chassis then since both ends of the coax are grounded this will not affect the feedline. It will however clamp the radio and the antenna to the same earth (assuming the car body is a massively metal of course). There is a sting in the tail. If you do the above then the negative of the radio is in the same circuit as the starter motor (and all other negatives of the car) since the battery negative is grounded to the chassis via a thick cable and all other circuits use the chassis for the negative. If you bond the radio negative to the chassis and connect the battery negative to the radio you will reduce the above effect but it's not ideal. Basically bonding as much of the negative to the chassis has held me in good stead over the years. These radios are not unconditionally stable - not surprising. The best solution is a separate battery of course.

My points were slightly tongue in cheek to emphasize that the word 'design' or maybe the phrase 'quality control' might be loosely applied in the case of the FT100 or my units at least. You are perfectly correct about the (lack of) grounding of the radio being nothing to do with output grounding but the fact is my radio (an early FT100) suffered all of the ailments (it would seem) due to poor design. I still like the radio and would agree with comments about the noise blanker - it's the best I've ever had in a mobile.
I am not however disposed to buying a small Yaesu mobile again although I do have a number of their hand held radios.

Sorry about the long 'over'

Cliff, G4PZK

I knew this would stir up some good discussion.

Here's my "groundless" arguement:

My point is simply this. Do not confuse what you might
call "traditional" station grounding practices with grounding that is
added in order to suppress or eliminate an internal spurious
oscillation design flaw. Quite frankly, from the standpoint of
antenna feedpoint impedance control, the addition of an "earth" or
vehicle chassis ground at the exciter has zero effect on matters. At
least it shouldn't. The feedpoint impedance is solely established by
the physics of the radiating element(s) and, in the case of
a "counterpoised" antenna, appropriate grounding at the antenna
feedpoint and sufficient ground plane area (natural or man-made) in
the vicinity of the antenna. Grounding at the exciter (the FT-100D
under your dashboard for example) only provides a safety measure in
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system incurs a high voltage input (eg. lightning strike). The
grounding at the rig is so distant from the antenna in terms of
inductive (and possibly resistive) isolation that such ground will
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fair percentage of them had the bug and the proper remedy is the
internal modification.

End of "groundless" discussion. Time to enjoy the rig.

N6AF Chas

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
> Presumably this is the same Yaesu that didn't expect

>
> the rig PA to oscillate (and self destruct) before the mods were
done;
> (It happened to me)
> have the VHF/UHF PA blow up before additional cooling was fitted;
(It
> happened to me and was expensive!)
> require holes to be added to the microphone to get decent audio (ok
this
> one is emotive)?
>
> Cliff, G4PZK
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: 05 April 2002 20:25
> To: FT100@y...
> Subject: [FT100] Re: FT-100D vs IC-706 MKII G
>
>
> I've never had to use grounding at the rig in any base or mobile
> application. Since having the spurious oscillation mod done I've
> never had a problem developing full power in any installation.
Never
> need grounding at the rig other than the DC return line back to the
> battery. Yaesu obviously didn't expect to have to have the rig
> grounded or they would have provided a connection for it.
>
> N6AF Chas
>
> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > I agree with you about the lack of a grounding lug on the FT-
100D,
> Pres. I looked at the web site you referenced. My Gawd. Where do
I
> start looking? Hint, hint...
> >
> > 73,
> >
> > Dick
> > WBØDUL@a...
> > ----- Original Message -----
> > From: Pres Waterman
> > To: FT100@y...
> > Sent: Wednesday, April 03, 2002 8:37 AM
> > Subject: Re: [FT100] FT-100D vs IC-706 MKII G
> >
> >
> >
> > One thing I have found to be irritating is the fact that Yaesu

> didn't put a
> > ground lug on the back of the radio. I realize there are other
> options, but
> > it would have been more convenient to have a place dedicated to
> grounding
> > the radio. But it's not a big deal, just an inconvenience.
> >
> >
> > A ground lug can be approximated by buying, at a CB
> shop/truckstop, a set of
> > knurled thumbscrews to replace the phillips screws that mount
the
> mobile
> > mounting bracket. You need 4mm ( 6mm length max- if too long,
> grind off or
> > place a nut under the screw as a washer ).
> >
> > If no luck, my local shop http://www.tandmelectronics.com has
> them for
> > $1.25/2pk
> >
> > Thanks
> >
> > Pres Waterman W2PW
> > c/o Patchogue Motors, Inc.
> > Long Island Ford and Kia dealer
> >
> > GO BILLS!
> >
> >
> >
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> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >

> > [Non-text portions of this message have been removed]
>
>
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< http://rd.yahoo.com/M=215002.1954253.3462811.1261774/D=egroupweb/S=17
05
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bHlhaG9vaG0xLmRhd=101803467
> 6%
3eM=215002.1954253.3462811.1261774/D=egroupweb/S=1705063108:HM/A=10002
> 39/R=1>
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> < http://us.adserver.yahoo.com/l?
M=215002.1954253.3462811.1261774/D=egrou
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>
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>
>
>
>
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5%3eM=215002.1954253.3462811.1261774/D=egroupweb/S=1705063108:HM/A=10002
39/R=1>

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[Non-text portions of this message have been removed]

# 13408. Re: A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 22:49:12 UTC
From: backhoefade
Topic: 13348  Message: 13408

That's a great idea! I think there's a spot waiting for you in the Marketing/Sales dept!

You can also claim that your transmitter has frequency diversity path protection. In the event that multi-path effects cause a deep cancellation null at your normal operating frequency, you may stand a good chance that the multi-path geometry is not causing the same degree of fading at 13.65 MHz. Problem is that there will be about 5,000 other hams "enjoying" the same alternate 13.65 MHz frequency. Oh well, it seemed like a good idea.

Anyway, the 20% number comes from the mini-poll that exists right at this bulletin board. Go take a look. Unfortunately my vote was one of the "had the problem, but fixed it" ones.

73's N6AF Chas

--- In FT100@y..., "John McClain" <digi2@e...> wrote:
> I am curious what you base your 20% estimate on. I have never seen
> any numbers published by anyone as to the number of units produced
> verses the number of units that fail. Reading your message has
given
> me a great idea. Since I can't enjoy my rig because I am afraid to
> turn it on, I will add a second antenna that is tuned to 13.65MHZ in
> parallel
> with the normal antenna. This way when the rig decides to start
> oscillating on its on, it won't see a high SWR and self-distruct.
> Da-da, problem fixed!
>
> John
> K7SVV@A...
>
> >In the case of what appears to have been about 20% of FT-100Ds,
these
> >boxes would put out a spurious signal at about 13.65 MHz regardless
> >>of how perfect the load was at either 24 or 28 MHz.

# 13409. Re: [FT100] another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 23:30:16 UTC
From: Pres Waterman
Topic: 13405  Message: 13409

Thanks, Pres. I see what you're doing. I'll bet you got one helluva deal on the Mustang. :)

Yes, but I do all this customization, and the bums sell it next week!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13410. Re: [FT100] Re: A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-05 23:56:55 UTC
From: Pres Waterman
Topic: 13348  Message: 13410

>
> Anyway, the 20% number comes from the mini-poll that exists right at
> this bulletin board. Go take a look. Unfortunately my vote was one
> of the "had the problem, but fixed it" ones.

No, that means "of all those who chose to report a ( or multiple ) problem, 20% of those problems were of <description> type. It does not mean 20% of the radios out there suffer from <description of problem>.

There is a similar poll going on FT817@yahoogroups.com

It basically asks: "Manufacturer defects I have faced are...:"

Inlcuding the answer "NONE" ( which is about 75% of the respondants, who should actually not respond at all ) there are just over a hundred responses.

So, of 3,000+ members, about 30 reported problems, and 90 had none.

Someone incorrectly surmised that 25% ( 100%-25% ) of the radios made have problems. In reality it is 0.98% of the group of owners on that mailinglist have problems of some sort.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13411. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 00:17:30 UTC
From: Alex Turner
Topic: 13330  Message: 13411

I have a new computer standing by and was thinking of installing Linux and Win98SE in a dual boot configuration. Is this a big deal? I have Red hat version7 and I would like to try it. Can't give up my Windows though.

Alex N4BYJ
----- Original Message -----
From: avflinsch
To: FT100@yahoogroups.com
Sent: Tuesday, April 02, 2002 5:10 PM
Subject: [FT100] Re: Cat programing

--- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> Where could I find any information on CAT programing for my FT-100,
> except for the manual.

The good techs at Yaesu told me that that is the only available information. Personally I thought that it was pretty poor myself.

What platform are you programming for?

I have written a command line program and a gui front end for the program to run under linux. The command line version will also compile
for windows if you are using the cygwin compilier.

You can download the programs and source from
http://www.qsl.net/kc2ivl

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[Non-text portions of this message have been removed]

# 13412. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 01:00:19 UTC
From: Alex Turner
Topic: 13330  Message: 13412

Sorry, for the wasted bandwidth I meant that post about Linux to go to an individual and I keep forgetting how it works through Yahoo.

N4BYJ
----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 7:17 PM

[Non-text portions of this message have been removed]

# 13413. RE: [FT100] A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 00:59:56 UTC
From: Eric van de Weyer
Topic: 13348  Message: 13413

Even simpler, just put on a decent sized dummy load and it will have NO SWR problems no matter what frequency it is on! :-))

73....Eric VK2KUR
-----Original Message-----
From: John McClain [mailto:digi2@...]
Sent: Saturday, 6 April 2002 8:05 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] A "groundless" arguement

I am curious what you base your 20% estimate on. I have never seen
any numbers published by anyone as to the number of units produced
verses the number of units that fail. Reading your message has given
me a great idea. Since I can't enjoy my rig because I am afraid to
turn it on, I will add a second antenna that is tuned to 13.65MHZ in
parallel
with the normal antenna. This way when the rig decides to start
oscillating on its on, it won't see a high SWR and self-distruct.
Da-da, problem fixed!

John
K7SVV@...

>In the case of what appears to have been about 20% of FT-100Ds, these
>boxes would put out a spurious signal at about 13.65 MHz regardless
>>of how perfect the load was at either 24 or 28 MHz.

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[Non-text portions of this message have been removed]

# 13414. Re: [FT100] another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 02:11:29 UTC
From: Dick Thompson
Topic: 13405  Message: 13414

Well, just put a Not For Sale sign on it. I'll bet the buyers love the FT-100D that comes with each car. :)

73,

Dick
WBØDUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 4:30 PM
Subject: Re: [FT100] another success story

Thanks, Pres. I see what you're doing. I'll bet you got one helluva deal on the Mustang. :)

Yes, but I do all this customization, and the bums sell it next week!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
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GO BILLS!

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# 13415. Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 02:41:54 UTC
From: Dale G. Brown
Topic: 13415  Message: 13415

I just unhooked my FT100 from the car and removed the separation kit to try to find the source of "bad audio" reports that I received recently on 10 mtrs. Upon installing the faceplate and hooking up the power and beam in the shack, I made a contact with Italy, on 17 mtrs, with 59 report and great audio. I then straightened all the wire in the car and reinstalled the face plate. When I try to tune the ATAS100 on any band, I get an immediate "Ant Err" on the display and the tuning stops. I had the menu 61 on ATAS-1 for a few seconds until I remembered it was supposed to be ATAS-2 for separate UHF/HF antennas. Is my ATAS100 fried? Dale KC2PZ

# 13416. Re: [FT100] another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 02:43:40 UTC
From: Pres Waterman
Topic: 13405  Message: 13416

Well, just put a Not For Sale sign on it. I'll bet the buyers love the FT-100D that comes with each car. :)

Or...

For sale: FT-100, ATAS-100... $30,000 including nice mobile mounting bracket. Licensed hams only... ( Driver's license and Ham license )

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13417. Re: [FT100] Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 02:49:54 UTC
From: Pres Waterman
Topic: 13415  Message: 13417

> I get an immediate "Ant Err" on the display and the tuning stops. I had
> the menu 61 on ATAS-1 for a few seconds until I remembered it was
> supposed to be ATAS-2 for separate UHF/HF antennas. Is my ATAS100
> fried? Dale KC2PZ

Ant err probably means the antenna is drawing too much or not enough
cuurent. Check the RF cable and the mount... you would be surprised at how
center pins and conductors break, grounds dissolve, things like that.

Start with applying 12v to the coax ( without the radio connected of
course ) and see that the antenna extends. Try 8 or 6v and see if it
retracts. That's the basics to check.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13418. Re: [FT100] Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 03:15:56 UTC
From: Dick Thompson
Topic: 13415  Message: 13418

Dale, I would certainly hope it isn't "fried" over such a little mistake. My manual says to use ATAS-2 if you are using 2 separate antennas for 144/70cm and the ATAS-100. If you're using a Diplexer then it should be set to ATAS-1. I assume you already know that.

Let us know what the results are.

73,

Dick
WBØDUL@...

----- Original Message -----
From: Dale G. Brown
To: FT100@yahoogroups.com
Sent: Friday, April 05, 2002 7:41 PM
Subject: [FT100] Ant Err message

I just unhooked my FT100 from the car and removed the separation kit to try to find the source of "bad audio" reports that I received recently on 10 mtrs. Upon installing the faceplate and hooking up the power and beam in the shack, I made a contact with Italy, on 17 mtrs, with 59 report and great audio. I then straightened all the wire in the car and reinstalled the face plate. When I try to tune the ATAS100 on any band, I get an immediate "Ant Err" on the display and the tuning stops. I had the menu 61 on ATAS-1 for a few seconds until I remembered it was supposed to be ATAS-2 for separate UHF/HF antennas. Is my ATAS100 fried? Dale KC2PZ

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# 13419. 148.150 Birdie

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 05:08:55 UTC
From: Adam
Topic: 13419  Message: 13419

An interesting event occured yesterday after I installed my AM filter into the radio.....the birdie is gone! I wonder if it has something to do with wire routing as I changed a lot of it in order to make the connections work. Nice to be able to hear REDROCK units. Adam

# 13420. Re: [FT100] another success story

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 10:57:51 UTC
From: alpha
Topic: 13405  Message: 13420

JUST BOUGHT MY SECOND 100D, ATAS100 ... FOR THE RV, A
80,000 DOLLAR MOUNTING BRACKET .....

PETE N6BXZ FT. WORTH
--- Pres Waterman <presw@...> wrote:
>
>
> Well, just put a Not For Sale sign on it. I'll bet
> the buyers love the
> FT-100D that comes with each car. :)
>
>
> Or...
>
> For sale: FT-100, ATAS-100... $30,000 including nice
> mobile mounting
> bracket. Licensed hams only... ( Driver's license
> and Ham license )
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>
>
>

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# 13421. FT-100D QST Review

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 15:14:16 UTC
From: Markus.Homma@t-online.de
Topic: 13421  Message: 13421

Hello to all,

looking for the QST-Review of the FT-100/FT-100D in .pdf format.
Anybody know a link?

Any help is appreciated!

73's
Markus
DL1EIO

[Non-text portions of this message have been removed]

# 13422. Re: [FT100] FT-100D QST Review

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 15:35:06 UTC
From: bob/AB9EE
Topic: 13421  Message: 13422

if you belong to the arrl you can get it directly from their web site.
http://www.arrl.org/members-only/prodrev/pdf/pr9103.pdf
AB9EE

[Non-text portions of this message have been removed]

# 13423. Re: [FT100] FT-100D QST Review

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 15:36:30 UTC
From: bob/AB9EE
Topic: 13421  Message: 13423

sorry wrong link here is the right one

http://www.arrl.org/members-only/prodrev/pdf/pr9906.pdf

AB9EE

[Non-text portions of this message have been removed]

# 13424. Re: [FT100] Adapting the Radio Shack FIVE DOLLAR Simplex Repater to mobile use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 17:14:59 UTC
From: aluscre
Topic: 12175  Message: 13424

Does anyone have a surplus unit they would like to part with or have a local Radio Shack with item in stock?

Pres Waterman wrote:

> Step-by-step modification instructions for the Radio Shack 19-345 simplex
> repeater
> for use with the FT-100/FT-90 which have discrete ( and multiplexed ) PTT
> lines
>
> UNHAPPY DEVELOPMENT: The FT-100 does not work well, I think in "beta 3" I
> will try an optoisolator for PTT
>
> BUT the FT90 works well and I am going skiing with it tomorrow!
>
> Caution: this project involves Surface Mount Devices, and soldering tiny
> wires directly to them at the point where they meet the PCB. Please do not
> contact me for advice beyond what is given here. These steps worked for me.
> There are NO schematics and no pictures of my project available. Just use
> these steps and make it up as you go along! I did...
>
> Intro: The Radio Shack simplex repeater, currently closeout/blow-out priced
> at USD$4.97, is a dandy deal. It is used to hook up to an HT whose mic input
> also causes PTT ( transmit ). Why would you want one, you say? Well, besides
> boosting range between handhelds without using a "real" repeater there's
> propagation/antenna testing, audio checks, and in general goofing around.
> But it would be nice to use it with a higher power mobile such as the FT-90
> or FT-100, or a base rig. But, alas, the mobiles and bases typically use a
> contact closure to ground separately from the mic line. Here's where the mod
> comes in. Try to score several of these little dandies to screw up your
> first one and have 2 spares!
>
> ( receive signal valid is internal VOX in the repeater so it's quite simple
> to use )
>
> Items needed:
> 19-345 repeater ( Did I mention it's only FIVE BUCKS? )
> 6-pin modular RJ-12 plug with all 6 wires present and a cable
> a single wire with mini-phone 1/8" or 3.5mm mono plug ( must be skinny
> enough to fit into the speaker socket on the FT-90 which is recessed )
> a nice option: two color, 3 lead red/green lead with common ANODE and a
> 470ohm resistor
> 100kohm resistor for PTT pull-up
> 1kohm trimpot for audio control to radio

>
> 1) remove the repeater from the case- there is a hidden screw under the
> sticker on top! Also one attaching the PCB.
>
> 2) remove the battery contacts after noting +/- on the PCB with a permanent
> marker- discard them
>
> 3) BONUS STEP: remove the green LED which only indicates receive signal
> present. Replace it with a 3-LEAD 2-color LED, with green hooked up as
> before. I used Radio Shack 276-207 Bi-Color LED which is kick-butt bright
> and big. When you have put in the new LED you will have an unconnected wire
> for the red element. Hook that through a 470ohm resistor via a flexible wire
> ( like ribbon cable stuff ) to the middle contact of the tiny three-lead SMT
> transistor marked 433 which is by the stereo mini socket. That is, by the
> way, the PTT output and we will be hooking to it later. The LED will be left
> on the unpopulated side of the board. Or you may want to flip it. The "red"
> lead connects via a 470ohm which runs across the board, through the hole
> between the 2 jacks, and over to the SMT transistor, so a spaghetti tube is
> called for. Also, insulate the connection between the "red" lead and the
> resistor, because if that point shorts to ground you will bypass a current
> limiting resistor and harm ( at least ) the LED.
>
> 4) Get a 6 conductor cable with RJ-12 ( NOT RJ-11 ) fully populated modular
> plug. Looks exactly like a phone cord, but 6 pins, not 4. Get to know the
> colors. Looking into the body of the plug, as if you were about to plug it
> into the jack, left to right with the latch down:
>
> pin 6: PTT ( and ACC and UP and DOWN )
> pin 5: Mic audio in
> pin 4: Ground
> pin 3: +9v
> pin 2: ignore ( packet audio out on the FT-90 ) ( shame it's not squelched-
> would eliminate the speaker lead )
> pin 1: other switches we don't need, ignore
>
> So, we are interested in four of these, plus a connection to the speaker
> socket. Remember the colors for each.
>
> IF you decide to hack up the very long mic extension cable for the FT-100
> separation kit, and you feel you CAN reattach a new RJ-12 plug to the cable,
> the colors are: shield=ground; black <yup!>=+9v; yellow=PTT; white=mic to
> radio
>
> To tell the truth, I found the wire inside that cable to be between
> difficult to impossible to solder, I would try other stuff. My prototype
> used CAT5 network cable but it's rather stiff.
>
> 5) Run the 2 cables ( mic and a single wire for speaker ) through a PCB hole
> and secure them, using plastic wire wraps or whatever else method makes
> sense to you

>
> 6) connect the speaker lead by tack-soldering to the stereo submini socket
> on the PCB at the outermost contact not counting the ground connection. Beep
> it out with the original cable if not sure.
>
> 7) connect +9v and the ground braid to the areas where the battery contacts
> were. At this point, plug it in and check for a flash of green when plugged,
> and that opening the squelch triggers the green LED.
>
> 8) Connect the mic lead to ( watch carefully the description ) the tiny SMT
> resistor by the stereo socket, that has continuity to the original "Y"
> cable's submini 2.5mm or 3/32" tip when the "Y" cable is plugged in. Oh
> Jeez, read that twice. You are trying to connect to the same place the "Y"
> cable was connected to, except on the board.
>
> 8A) Unlike FT100, FT90 users have no mic gain menu. The output of this
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> you are robust, or until no further volume increase is noted, and then back
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> the mic gain in FT-100 menu or the 1k-ohm pot on the FT90 until it begins to
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> With a cool little beep when they are done! ( 30 seconds capacity BTW ).
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|--------------------------|
Anthony A. Luscre
K8ZT
Stow, Ohio
|--------------------------|
Visit My Website at
http://www.qsl.net/k8zt
|--------------------------|

# 13425. Re: [FT100] Adapting the Radio Shack FIVE DOLLAR Simplex Repater to mobile use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 17:18:55 UTC
From: aluscre
Topic: 12175  Message: 13425

Does anyone have a surplus unit they would like to part with or have a local Radio Shack with item in stock?

Pres Waterman wrote:

> Step-by-step modification instructions for the Radio Shack 19-345 simplex
> repeater
> for use with the FT-100/FT-90 which have discrete ( and multiplexed ) PTT
> lines
>
> UNHAPPY DEVELOPMENT: The FT-100 does not work well, I think in "beta 3" I
> will try an optoisolator for PTT
>
> BUT the FT90 works well and I am going skiing with it tomorrow!
>
> Caution: this project involves Surface Mount Devices, and soldering tiny
> wires directly to them at the point where they meet the PCB. Please do not
> contact me for advice beyond what is given here. These steps worked for me.
> There are NO schematics and no pictures of my project available. Just use
> these steps and make it up as you go along! I did...
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> Intro: The Radio Shack simplex repeater, currently closeout/blow-out priced
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> also causes PTT ( transmit ). Why would you want one, you say? Well, besides
> boosting range between handhelds without using a "real" repeater there's
> propagation/antenna testing, audio checks, and in general goofing around.
> But it would be nice to use it with a higher power mobile such as the FT-90
> or FT-100, or a base rig. But, alas, the mobiles and bases typically use a
> contact closure to ground separately from the mic line. Here's where the mod
> comes in. Try to score several of these little dandies to screw up your
> first one and have 2 spares!
>
> ( receive signal valid is internal VOX in the repeater so it's quite simple
> to use )
>
> Items needed:
> 19-345 repeater ( Did I mention it's only FIVE BUCKS? )
> 6-pin modular RJ-12 plug with all 6 wires present and a cable
> a single wire with mini-phone 1/8" or 3.5mm mono plug ( must be skinny
> enough to fit into the speaker socket on the FT-90 which is recessed )
> a nice option: two color, 3 lead red/green lead with common ANODE and a
> 470ohm resistor
> 100kohm resistor for PTT pull-up
> 1kohm trimpot for audio control to radio

>
> 1) remove the repeater from the case- there is a hidden screw under the
> sticker on top! Also one attaching the PCB.
>
> 2) remove the battery contacts after noting +/- on the PCB with a permanent
> marker- discard them
>
> 3) BONUS STEP: remove the green LED which only indicates receive signal
> present. Replace it with a 3-LEAD 2-color LED, with green hooked up as
> before. I used Radio Shack 276-207 Bi-Color LED which is kick-butt bright
> and big. When you have put in the new LED you will have an unconnected wire
> for the red element. Hook that through a 470ohm resistor via a flexible wire
> ( like ribbon cable stuff ) to the middle contact of the tiny three-lead SMT
> transistor marked 433 which is by the stereo mini socket. That is, by the
> way, the PTT output and we will be hooking to it later. The LED will be left
> on the unpopulated side of the board. Or you may want to flip it. The "red"
> lead connects via a 470ohm which runs across the board, through the hole
> between the 2 jacks, and over to the SMT transistor, so a spaghetti tube is
> called for. Also, insulate the connection between the "red" lead and the
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> pin 6: PTT ( and ACC and UP and DOWN )
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> So, we are interested in four of these, plus a connection to the speaker
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> separation kit, and you feel you CAN reattach a new RJ-12 plug to the cable,
> the colors are: shield=ground; black <yup!>=+9v; yellow=PTT; white=mic to
> radio
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> To tell the truth, I found the wire inside that cable to be between
> difficult to impossible to solder, I would try other stuff. My prototype
> used CAT5 network cable but it's rather stiff.
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> 5) Run the 2 cables ( mic and a single wire for speaker ) through a PCB hole
> and secure them, using plastic wire wraps or whatever else method makes
> sense to you

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> 6) connect the speaker lead by tack-soldering to the stereo submini socket
> on the PCB at the outermost contact not counting the ground connection. Beep
> it out with the original cable if not sure.
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> were. At this point, plug it in and check for a flash of green when plugged,
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> cable's submini 2.5mm or 3/32" tip when the "Y" cable is plugged in. Oh
> Jeez, read that twice. You are trying to connect to the same place the "Y"
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# 13426. Re: [FT100] Adapting the Radio Shack FIVE DOLLAR Simplex Repater to mobile use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 17:20:56 UTC
From: aluscre
Topic: 12175  Message: 13426

Does anyone have a surplus unit they would like to part with or have a local Radio Shack with item in stock?

Pres Waterman wrote:

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# 13427. replacement whip for atas 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 16:56:19 UTC
From: we1md
Topic: 13427  Message: 13427

Can anone get me the RS part # for a whip that will work on ATAS100
Vertex says perhaps in 6 weeks!

# 13428. FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 14:44:19 UTC
From: tdc455
Topic: 13428  Message: 13428

Greetings all,
I currently use my FT-100 and FC-20 indoors as a base. Power is supplied by a Astron RS-50M. I noticed a few weeks ago that when I first power up the P/S a relay or something clicks inside the FT-100. The display very briefly flashes as does the power led on the tuner. Has anyone else notice this. Is this something to be concerned about? Is this surge doing any damage? I see no way of preventing it short of disconnecting the power cable prior to bringing up the P/S.
Thanks,

Tim W9TDC

# 13429. Re: [FT100] FT-100D QST Review

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 17:24:30 UTC
From: Einar Carlsen
Topic: 13421  Message: 13429

Go to www.mods.dk
You will find a lot of good stuff there including the ARRL review in pdf format. click on Yaesu and then manuals. The site contains so much good information you will probably add it to you favourites listing.
Einar VE7BAQ
----- Original Message -----
From: Markus.Homma@...
To: FT100 Group
Sent: Saturday, April 06, 2002 7:14 AM
Subject: [FT100] FT-100D QST Review

Hello to all,

looking for the QST-Review of the FT-100/FT-100D in .pdf format.
Anybody know a link?

Any help is appreciated!

73's
Markus
DL1EIO

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13430. FT100D (F MENU)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 17:41:39 UTC
From: kc8lqv
Topic: 13430  Message: 13430

DOES ANYONE KNOW SPECIFICALLY WHAT THE F MENU IS FOR? HOW 'BOUT MAYBE A SITE FOR SOME SETTINGS TO 'PEAK N TUNE' THIS BAD BOY AND MAKE IT REALLY SING?!

# 13431. Re: [FT100] FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 18:15:08 UTC
From: Dick Thompson
Topic: 13428  Message: 13431

Are the meters on the RS-50M doing any strange things when you power on the supply?

73,

Dick
WBØDUL@...
----- Original Message -----
From: tdc455
To: FT100@yahoogroups.com
Sent: Saturday, April 06, 2002 7:44 AM
Subject: [FT100] FT100 with a power supply question

Greetings all,
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[Non-text portions of this message have been removed]

# 13432. Re: A "groundless" arguement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 19:11:54 UTC
From: backhoefade
Topic: 13348  Message: 13432

You are absolutely correct; the percentage could very well be more than 20%. By the way, I went back to the poll at this site and the total percentage reporting the "SWR icon" problem is about 39%. Who cares-if it has the bug you get it fixed. End of story.

--- In FT100@y..., Pres Waterman <presw@1...> wrote:

No, that means "of all those who chose to report a ( or multiple ) problem,
20% of those problems were of <description> type. It does not mean
20% of the radios out there suffer from <description of problem>.

# 13433. Still vey impressed with my FT-100D.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 20:00:26 UTC
From: vk2new
Topic: 13433  Message: 13433

Hi group,
sorry to the few group members who emailed me when I was in Reno NV, as I was travelling all over the western States with not much time in any 1 place to meet people.
Well I have just returned home from the States from a very enjoyable 8 week visit and with a 40m metre dipole erected and a high QTH ;), I put the FT-100D through it's paces. What can I say that many of you guy's already know, this is 1 neat little rig. I was mainly operating on 10 and 15 metres as well as S/W receiving all over the HF spectrum during the 8 weeks and the 2 contests, and the radio's front end is what I can say "pretty much bullet proof". The only time I heard some splatter is during the 2 contests when some op's where driving their rigs hard, which I suppose is to keep over stations away from their frequency.
On many contacts I received strong and excellent audio reports and during the 8 weeks of operating, the radio performed trouble free and impressive. While over in the States I purchased a Kenwood PS-40 23amp switching power supply which handled the 100 watts with ease, a 6khz AM filter which I found to be a much needed item for S/W and AM VHF airband receiving, a FT-100D service manual and a NCG 1000C dualband mobile antenna.
Also when using the radios DSP I found the 'DNF' notch filter to work but it was just not deep enough to get rid of the squeals. Plus when there where some loud hetrodynes I used the 'DBP' (HPF/LPF) to help elimnate the squeals. As well I found the 'DNR' noise reduction to very much help with static crashes and QRN, and the 'DBP' bandpass filters to narrow up the passband.
I might be returning in June or July and I hope to contact alot of you FT-100 owners on 15 or 10 metres.
73, VK2NEW Anthony.
Richy N2ZD how are you going. I listened out on 17 metres for you but no luck. I heard alot of the HF pack group operating QRP with the FT-817 or the K1/2's. How is your TS-2000 going and have you got another FT-100.

# 13434. FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 22:33:47 UTC
From: David Valk
Topic: 13434  Message: 13434

Hi Group!

This comes under the "For what it's worth" catagory. I just installed an ATAS-100 on my Ford Explorer and had a few grounding problems but worked them out and I thought I would share the results/solution with the group.

I moumted the FT-100 in the back and used the remote mounting kit with the display head on the dash over the console. I used a Diamond K-400 mount on the top left (driver's side) of the back hatch. On the first test it worked great on 20 & 40. Would not auto tune on 10, 15, or 6 meters. There is so much stressed about proper grounding I felt that may be my problem.

Today I removed the K-400 and used a Dremel tool to grind the paint off the inside of the hatch door where the allen screws from the mount contact the car. Then I had a scrap piece of 1" ground braid so I made a short 3" strap and strapped around one of the top hinges to assure the door was grounded to the rest of the body. On the first test it auto tuned great on 10 & 6 meters. It still won't auto tune on 15m but manual tunes just fine. I then tried it on the WARC bands and it manuals tunes and works great on 12 & 17. I'm a happy camper! Just thought I would pass it along....

73, Dave, N4XC

[Non-text portions of this message have been removed]

# 13435. Re: [FT100] Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 23:13:50 UTC
From: Dale G. Brown
Topic: 13415  Message: 13435

Pres: I gave the antenna a good cleaning of the coil and contact strips. It goes up with 12 V applied and retracts with 9 V. I even replaced the coax with a new piece and it still gives the odd message "ant err" and if you hit the tun button again it squeals......I'm stumped...Dale KC2PZ

Pres Waterman wrote:

> > I get an immediate "Ant Err" on the display and the tuning stops. I had
> > the menu 61 on ATAS-1 for a few seconds until I remembered it was
> > supposed to be ATAS-2 for separate UHF/HF antennas. Is my ATAS100
> > fried? Dale KC2PZ
>
> Ant err probably means the antenna is drawing too much or not enough
> cuurent. Check the RF cable and the mount... you would be surprised at how
> center pins and conductors break, grounds dissolve, things like that.
>
> Start with applying 12v to the coax ( without the radio connected of
> course ) and see that the antenna extends. Try 8 or 6v and see if it
> retracts. That's the basics to check.
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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# 13436. Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 00:48:54 UTC
From: k5unm
Topic: 13415  Message: 13436

Put a UHF "T" in the feedline and then measure the voltage on the center pin of the "T" with a voltmeter in series with a 200uH coil. You should measure about 10 volts or so going up and 8 volts or so going down. If not make sure the correct menu selection is still in memory, if there is wild fluctuations then there is a problem internal to the radio in the regulator circuit for antenna motor control.

Mike
K5unm

--- In FT100@y..., "Dale G. Brown" <dgbrown@w...> wrote:
> Pres: I gave the antenna a good cleaning of the coil and contact strips. It
> goes up with 12 V applied and retracts with 9 V. I even replaced the coax
> with a new piece and it still gives the odd message "ant err" and if you hit
> the tun button again it squeals......I'm stumped...Dale KC2PZ
>

# 13437. Re: [FT100] Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 01:42:43 UTC
From: Dale G. Brown
Topic: 13415  Message: 13437

Mike: I tried the "T" connector and there is no change in voltage. The "ant err" message happens right away after you push the tun button. The same message appears after changing menu 61. When you hit the function button to return to operation, the display shows the dreaded "ant err". I wonder if the auto tune control chip is "kafooy"? I looked at the schematic with a magnifying glass, but could not tell which chip does this. Dale KC2PZ portable 5

k5unm wrote:

> Put a UHF "T" in the feedline and then measure the voltage on the
> center pin of the "T" with a voltmeter in series with a 200uH coil.
> You should measure about 10 volts or so going up and 8 volts or so
> going down. If not make sure the correct menu selection is still in
> memory, if there is wild fluctuations then there is a problem
> internal to the radio in the regulator circuit for antenna motor
> control.
>
> Mike
> K5unm
>
> --- In FT100@y..., "Dale G. Brown" <dgbrown@w...> wrote:
> > Pres: I gave the antenna a good cleaning of the coil and contact
> strips. It
> > goes up with 12 V applied and retracts with 9 V. I even replaced
> the coax
> > with a new piece and it still gives the odd message "ant err" and
> if you hit
> > the tun button again it squeals......I'm stumped...Dale KC2PZ
> >
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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# 13438. Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 02:45:05 UTC
From: k5unm
Topic: 13415  Message: 13438

The antenna control voltage is derived from Q7018 (PQ20VZ1U) which is controlled by Q7026 a vanilla 2904 quad op-amp which is directly controlled by Q7010 the CNTL-UNIT uP (UPD7BP403BGC-BBT). In all probability you need to send the rig back to YASEU at their new address ( they moved from Cerritos on the first of this month) unless you are capable of doing SMT repair and have the SMT components. The regulator Q7018 can source upto 1 amp with infinite heatsink according to the SHARP data sheet. All this circuitry is on the CNTL-UNIT pc board of the radio.

Hope this gives you the insight as to where the voltage is created and how. It is routed through several boards to get to the LPF unit where it is injected into the RF output.

Mike
K5UNM

# 13439. RE: [FT100] FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 20:03:12 UTC
From: T Chapman
Topic: 13428  Message: 13439

Dick,
Nope the volts jump up to about 13.6 and the amps stay between 0 and 1 unless I key the up a transmitter. All looks normal there. This may have existed since day one and I've just never noticed it. The P/S is usually left on all the time as one radio or another is usually monitoring. I can't tell you if this occurs mobile. I have never installed this rig mobile. I'm hoping it's nothing to be worried about.
73

Tim - W9TDC

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Saturday, April 06, 2002 12:15 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT100 with a power supply question

Are the meters on the RS-50M doing any strange things when you power on the supply?

73,

Dick
WBØDUL@...
----- Original Message -----
From: tdc455
To: FT100@yahoogroups.com
Sent: Saturday, April 06, 2002 7:44 AM
Subject: [FT100] FT100 with a power supply question

Greetings all,
I currently use my FT-100 and FC-20 indoors as a base. Power is supplied by a Astron RS-50M. I noticed a few weeks ago that when I first power up the P/S a relay or something clicks inside the FT-100. The display very briefly flashes as does the power led on the tuner. Has anyone else notice this. Is this something to be concerned about? Is this surge doing any damage? I see no way of preventing it short of disconnecting the power cable prior to bringing up the P/S.
Thanks,

Tim W9TDC

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# 13440. Re: [FT100] FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-06 18:29:04 UTC
From: Paul Manuel
Topic: 13428  Message: 13440

--- tdc455 <tchapman36@...> wrote:
> Greetings all,
> I currently use my FT-100 and FC-20 indoors as a base. Power is
> supplied by a Astron RS-50M. I noticed a few weeks ago that when I
> first power up the P/S a relay or something clicks inside the FT-
> 100.
This is normal...at least, mine has done this from when I first got it, almost two years ago. I assume everyone's does (if they listen close enough.)
73,
Paul K4PDM

_____
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Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13441. Re: [FT100] FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 04:49:22 UTC
From: Dick Thompson
Topic: 13428  Message: 13441

It may not be a problem. I have noticed when I plug the power cord from the power supply into the pigtail on the back of the rig, and the radio is OFF, I can hear a slight click like a relay or something.

It may be that you don't have a problem at all, Tim. I'm sure there will be other responses to your question.

73,

Dick
WBØDUL@...
----- Original Message -----
From: T Chapman
To: FT100@yahoogroups.com
Sent: Saturday, April 06, 2002 1:03 PM
Subject: RE: [FT100] FT100 with a power supply question

Dick,
Nope the volts jump up to about 13.6 and the amps stay between 0 and 1 unless I key the up a transmitter. All looks normal there. This may have existed since day one and I've just never noticed it. The P/S is usually left on all the time as one radio or another is usually monitoring. I can't tell you if this occurs mobile. I have never installed this rig mobile. I'm hoping it's nothing to be worried about.
73

Tim - W9TDC

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Saturday, April 06, 2002 12:15 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT100 with a power supply question

Are the meters on the RS-50M doing any strange things when you power on the supply?

73,

Dick
WBØDUL@...
----- Original Message -----
From: tdc455
To: FT100@yahoogroups.com
Sent: Saturday, April 06, 2002 7:44 AM
Subject: [FT100] FT100 with a power supply question

Greetings all,
I currently use my FT-100 and FC-20 indoors as a base. Power is supplied by a Astron RS-50M. I noticed a few weeks ago that when I first power up the P/S a relay or something clicks inside the FT-100. The display very briefly flashes as does the power led on the tuner. Has anyone else notice this. Is this something to be concerned about? Is this surge doing any damage? I see no way of preventing it short of disconnecting the power cable prior to bringing up the P/S.
Thanks,

Tim W9TDC

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# 13442. Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 04:59:42 UTC
From: Tom Tishken KD4WOV
Topic: 13428  Message: 13442

Hello everyone,
I have 250+ memories stored on my FT-100D. What do you all recommend for moving memories around easily. I have found a streamlined approach for the front panel, but was wondering about soft ware for manipulation the memories.

go to memory (lets say 20) 20 then select M>V. Then select vfo/mr. then hold in V/M for about a second you will hear a beep (this erases the memory). Then select vfo/mr. Then select V/M and find a new memory location. then hold V/M for a second and now you have completed your memory move.

# 13443. Re: [FT100] FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 05:51:27 UTC
From: taurus547@aol.com
Topic: 13434  Message: 13443

I, too, have the ATAS-100 mounted on my Explorer. Mine is on the passanger side. Also have the same mount. No problems at all with auto-tune, on all bands (I have a separate antenna on 2 and 70cm).

Mike
W6MDK

# 13444. Request TO Extend Warranty after Yaesu Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 08:05:54 UTC
From: w6zip
Topic: 13444  Message: 13444

Still waiting after 7 weeks for my new FT-100D to be assigned a Tech.
I know about the overkill on this subject but has anyone requested
that Yaesu extend their 1 year warranty for the time that their rig
was in Cerritos for the mod fixes??? I'm definitely going to have
something to say when I get my radio back, but I was wondering if
anyone on the reflector has done the same, and been granted an
extention. By the way, not a chance of ever giving up on this rig, to
me it's a great unit (w/ATAS-100) Thanks for the bandwidth,
John W6ZIP
Victorville, Ca.

# 13445. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 12:46:30 UTC
From: A V Flinsch
Topic: 13428  Message: 13445

On Saturday 06 April 2002 23:59, you wrote:
> Hello everyone,
> I have 250+ memories stored on my FT-100D. What do you all recommend
> for moving memories around easily. I have found a streamlined approach
> for the front panel, but was wondering about soft ware for manipulation
> the memories.

AFAIK, there is no way to directly manipulate the FT100 memory channels thru external software, as there are no commands to do so. There MAY be some undocumented commands to do this, I just have not found any reference to it.

My approach to this task in my software, is to use a seperate datafile for memory channels. This way I have many more available to me than the 300 that are provided by the FT100.

If I were to chaange memory channels on the FT100, I would load my software, and the external datafile, then manually add them to the FT100 internal memories. To add them to my external file, I would need ttdo the opposite.

If you are running Linux, my software is at http://www.qsl.net/kc2ivl
There is a windows version available (command line only), and the tasks outlined above are actually functions of the gui frone end, and I have not written one for windows at this time.

> go to memory (lets say 20) 20 then select M>V. Then select vfo/mr. then
> hold in V/M for about a second you will hear a beep (this erases the
> memory). Then select vfo/mr. Then select V/M and find a new memory
> location. then hold V/M for a second and now you have completed your
> memory move.

--
Alex
KC2IVL
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
8:30am up 1 day, 15:03, 3 users, load average: 0.01, 0.03, 0.03

# 13446. Re: [FT100] Request TO Extend Warranty after Yaesu Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 14:35:44 UTC
From: Alek Petkovic
Topic: 13444  Message: 13446

Here in Australia, the warranty on the radio is 2 years with free shipping for repairs. The actual repairs are warranted for 12 months.

So, if your radio breaks at 23 months of age, you send it to the service department and they pick up the tab. They fix the fault and if that same fault should return within 12 months it will once again be repaired free of charge. Should any other fault which is not related to the previous repairs occur, then of course you would have to pay all the costs.

Pretty good hey? Once again, that is the reason we pay more for our radios up front.

Happy ft100ing,
Alek. VK6APK

At 08:05 AM 07-04-02 +0000, you wrote:
>Still waiting after 7 weeks for my new FT-100D to be assigned a Tech.
>I know about the overkill on this subject but has anyone requested
>that Yaesu extend their 1 year warranty for the time that their rig
>was in Cerritos for the mod fixes??? I'm definitely going to have
>something to say when I get my radio back, but I was wondering if
>anyone on the reflector has done the same, and been granted an
>extention. By the way, not a chance of ever giving up on this rig, to
>me it's a great unit (w/ATAS-100) Thanks for the bandwidth,
>John W6ZIP
>Victorville, Ca.
>
>
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# 13447. FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 15:33:47 UTC
From: Alex Turner
Topic: 13447  Message: 13447

I decided to open my rig up this morning and get the mod situation resolved.
S/N 1L280356

The fan mod has not been done.

In comparing the pictures from the different internet sources to my rig there is a very big difference. First off there is no foil tape. There is a healthy copper strap running from the coax at J5014 to the coax at J1003 and on the way across the frame divider it is clipped,not screwed to the frame. Does it sound as if the mod for the SWR has been installed?

I am going to do the fan mod and the mic mod before closing it up. If anyone would like for me to supply pictures I can. I appologize if this is old news to some of you.
BTW, I was able to load up on 6 into a dummy.

73
Alex N4BYJ

[Non-text portions of this message have been removed]

# 13448. Re: [FT100] FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 15:43:14 UTC
From: Dick Thompson
Topic: 13434  Message: 13448

What mount do you have, Mike? I'm looking at one of the Diamond mounts, but haven't purchased anything yet.

73,

Dick
WBØDUL@...
----- Original Message -----
From: taurus547@...
To: FT100@yahoogroups.com
Sent: Saturday, April 06, 2002 11:51 PM
Subject: Re: [FT100] FT-100/ATAS-100 Install

I, too, have the ATAS-100 mounted on my Explorer. Mine is on the passanger side. Also have the same mount. No problems at all with auto-tune, on all bands (I have a separate antenna on 2 and 70cm).

Mike
W6MDK

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# 13449. O.T. Finally Dunmping AOL

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 17:18:12 UTC
From: ad6ez@aol.com
Topic: 13449  Message: 13449

Hi Gang ...

Okay, I am finally getting rid of AOL. I figured out how to save my Favorite Places (Bookmarks) - I am using linkdragon.com.

Does anyone know of a way to somehow transfer my AOL address book to Outlook Express other than printing it out and keyboard inputting the data? Any help will be appreciated!

73 de Denny AD6EZ<><

73 es God Bless de Denny AD6EZ <><
Goleta, CA

[Non-text portions of this message have been removed]

# 13450. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 19:10:40 UTC
From: vk2new
Topic: 13447  Message: 13450

Hi Alex,
it seems that the Yaesu service centres in VK and W land are using copper clips to rectify the grounding problems. My FT-100D has 2 clips attached to the chassis with braid solderd to the 2 internal coax connectors and I can say that I have not yet had any problems what so ever.
With the fan mod, I added a 1 watt 39 ohm "I think" resistor to the black lead in the connector of the fans, so the fans will run at a slow speed to keep the radio happy.
So all in all it looks like the SWR mod has been performed on your radio and the fan mod is still to be done. You might concider doing the fan mod your self becuse it is very easy and it will save you time in sending the radio in to Yaesu.

73, VK2NEW Anthony.

# 13451. Re: [FT100] Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 17:45:57 UTC
From: Pres Waterman
Topic: 13415  Message: 13451

> Pres: I gave the antenna a good cleaning of the coil and contact strips.
It
> goes up with 12 V applied and retracts with 9 V. I even replaced the coax
> with a new piece and it still gives the odd message "ant err" and if you
hit
> the tun button again it squeals......I'm stumped...Dale KC2PZ

Sorry to say, look to the radio next...:(

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13452. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 17:57:40 UTC
From: Pres Waterman
Topic: 13428  Message: 13452

> I have 250+ memories stored on my FT-100D. What do you all recommend for
> moving memories around easily. I have found a streamlined approach for the
> front panel, but was wondering about soft ware for manipulation the
> memories.

As others have no doubt chimed in, there is no allowance for software
( CAT ) memory reading or writing or cloning.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13453. Re: FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 16:33:33 UTC
From: hfolgering
Topic: 13428  Message: 13453

Hello Tim,

I use my FT100 as a base station at home and at the cottage and it has done what you described from day one.(Over one Year)
I think it is just part of the design.

73.Herman VE5HFD

--- In FT100@y..., "tdc455" <tchapman36@a...> wrote:
> Greetings all,
> I currently use my FT-100 and FC-20 indoors as a base. Power is
> supplied by a Astron RS-50M. I noticed a few weeks ago that when I
> first power up the P/S a relay or something clicks inside the FT-
> 100. The display very briefly flashes as does the power led on the
> tuner. Has anyone else notice this. Is this something to be
> concerned about? Is this surge doing any damage? I see no way of
> preventing it short of disconnecting the power cable prior to
> bringing up the P/S.
> Thanks,
>
> Tim W9TDC

# 13454. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 17:15:29 UTC
From: ft100guy
Topic: 13447  Message: 13454

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
First off there is no foil tape. There is a
> healthy copper strap running from the coax at J5014 to the coax at
J1003 and
> on the way across the frame divider it is clipped,not screwed to
the frame.
> Does it sound as if the mod for the SWR has been installed?
>
> I am going to do the fan mod and the mic mod before closing it up.
If anyone
> would like for me to supply pictures I can. I appologize if this is
old news
> to some of you.
> BTW, I was able to load up on 6 into a dummy.
>
> 73
> Alex N4BYJ

No its actually helpful.. Add in the fan mod and mod the mic and
you are done.. Yaesu's latest fix by clipping the ground to the rib
seems to make it stable so if you are not having any problems leave
it be.. Regards.. Richy N2ZD

# 13455. Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 17:21:30 UTC
From: ft100guy
Topic: 13434  Message: 13455

Make sure you have two grounds from the rig to the chassis and coil a few turns of the HF coax under the ATAS (in the trunk is fine also) and secure with ties (try different amounts of coax loops until it tunes 15m..) By far the most important thing to your ATAS is the the ground right at the mount, very critical in some installs to get it to work right if its not properly done. Regards.. Richy N2ZD

PS sometimes you can trim the coax to get a match on a band that is not tuning properly.. Also add a ground strap from the atas to the lid, you should be able to sandwich one between the coax connector if you cant do it from the mount itself..

--- In FT100@y..., "David Valk" <davalk@e...> wrote:
> Hi Group!
>
> This comes under the "For what it's worth" catagory. I just installed an ATAS-100 on my Ford Explorer and had a few grounding problems but worked them out and I thought I would share the results/solution with the group.
>
> I moumted the FT-100 in the back and used the remote mounting kit with the display head on the dash over the console. I used a Diamond K-400 mount on the top left (driver's side) of the back hatch. On the first test it worked great on 20 & 40. Would not auto tune on 10, 15, or 6 meters. There is so much stressed about proper grounding I felt that may be my problem.
>
> Today I removed the K-400 and used a Dremel tool to grind the paint off the inside of the hatch door where the allen screws from the mount contact the car. Then I had a scrap piece of 1" ground braid so I made a short 3" strap and strapped around one of the top hinges to assure the door was grounded to the rest of the body. On the first test it auto tuned great on 10 & 6 meters. It still won't auto tune on 15m but manual tunes just fine. I then tried it on the WARC bands and it manuals tunes and works great on 12 & 17. I'm a happy camper! Just thought I would pass it along....
>
> 73, Dave, N4XC
>
>
>
> [Non-text portions of this message have been removed]

# 13456. Antenna/Gnd help needed for new (clueless) General

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 19:36:40 UTC
From: Roy7654321
Topic: 13456  Message: 13456

Hi. I just passed my General tix yesterday, so now I went from a clueless Tech to a clueless General. <smile>

I am currently away from home so could use some help in getting my new FT-100D running from a 2nd floor apartment with poor antenna space or ground. :(

GROUND - can I ground to the center of an electrical outlet? OR, would something like the MFJ Artifical Ground do the job for me?

ANTENNA - I am looking at something like the MFJ Portable Antenna 1621 or the MFJ Apartment Antenna 1622. Do I need an Antenna Tuner for either antenna (I don't own an antenna tuner or SWR meter yet). If I need an antenna tuner, would an MFJ 941 or 949 do? (I'm not sure of the advantage of one over another).

Thanks - Roy Ashkenaz K2RMA

# 13457. Re: [FT100] Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 21:17:24 UTC
From: Dale G. Brown
Topic: 13415  Message: 13457

Mike: Thanks for the help....Dale KC2PZ

k5unm wrote:

> The antenna control voltage is derived from Q7018 (PQ20VZ1U) which is
> controlled by Q7026 a vanilla 2904 quad op-amp which is directly
> controlled by Q7010 the CNTL-UNIT uP (UPD7BP403BGC-BBT). In all
> probability you need to send the rig back to YASEU at their new
> address ( they moved from Cerritos on the first of this month) unless
> you are capable of doing SMT repair and have the SMT components. The
> regulator Q7018 can source upto 1 amp with infinite heatsink
> according to the SHARP data sheet. All this circuitry is on the CNTL-
> UNIT pc board of the radio.
>
> Hope this gives you the insight as to where the voltage is created
> and how. It is routed through several boards to get to the LPF unit
> where it is injected into the RF output.
>
> Mike
> K5UNM
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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# 13458. Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 23:47:18 UTC
From: Edwin Moxon
Topic: 13415  Message: 13458

Dale -

What happens with the ATAS disconnected from the rig?

The err message shows up when the rig tries to TUN with a dc short on the HF/6m output. The motor drive circuit is based on a voltage regulator chip that current-limits itself, so it's supposed to survive normal accidents.

How's the pigtail holding up?

(BTW, ATAS-1 vs ATAS-2 is harmless, it simply affects whether the TUN button starts a timed retract cycle on 2/440).

73, Ed, K1GGI

> It
> > goes up with 12 V applied and retracts with 9 V. I even replaced the
coax
> > with a new piece and it still gives the odd message "ant err" and if you
> hit
> > the tun button again it squeals......I'm stumped...Dale KC2PZ

# 13459. RE: [FT100] Antenna/Gnd help needed for new (clueless) General

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 22:58:43 UTC
From: Smith Rick-CARA91
Topic: 13456  Message: 13459

Roy, The best thing that I have found for finding ground for the radio is to make one radial each for each band that you want to operate on. If you want 40 32' 6", 20 is 16' 6', 15 is 11', 10 is 8' 3". these are made from insulated wire, since they will have some voltage on them, and all tied to your rig ground at one end. The wire size is based on what is available and what you want to wind up sometime. They can be bundled together and run around the perimeter of the room if you want. They will effectively strip the RF from the radio. I have used this from a 17th floor motel room without problems when the antenna was a vertical less than 15 feet away. You are no longer clueless, you now know what a quarter wave is on those bands.
The antenna is another matter. You can run one inside the room, but will have better results with it outside. If the window opens or there is a balcony you are in luck. I use a mp1 from superantennas.com, and HRO is selling it for him also. I have used this from numerous hotel rooms with good results. It comes with a "c" clamp to attach the bracket to a balcony rail and some of it's own radials. Verticals like this work the best if they are center loaded. This comes with rods to put the coil in the middle. Amateurs have antenna opinions, so I am sticking to what has worked for me.
I have used another arrangement that had a coil at the base and a collapsible rod, the coil was changed per band, did not work well.
The 1620 is similar to hamsticks, and iron horse and others that work well on the car, will need radials and a mount for your apartment. I have used two of these as a dipole with a mount available and they work well, if you can get them away from the building and elevated.
There is an old book out there that I have seen at some radio shacks, "simple low cost wire antennas for radio amateurs" originally by W6SAI and W2LX. good book to have and experiment with.
A tuner will be a necessity, I use an old MFJ that is quite similar to the 941 of today. The 941 is 12 steps of inductance and a capacitor in and out. The 949 adds a dummy load in the box to tune on. Both of them have multiple antenna positions to connect to. The 945e is just a simple tuner with no multiple antenna positions to connect but no bypass switch. I have been looking at the 945e for the car and the portable suitcase. What you do not want is some of the older ones that use a ferrite coil, the loss is higher.

-----Original Message-----
From: Roy7654321 [mailto:roya@...]
Sent: Sunday, April 07, 2002 12:37 PM
To: FT100@yahoogroups.com
Subject: [FT100] Antenna/Gnd help needed for new (clueless) General

Hi. I just passed my General tix yesterday, so now I went from a
clueless Tech to a clueless General. <smile>

I am currently away from home so could use some help in getting my
new FT-100D running from a 2nd floor apartment with poor antenna
space or ground. :(

GROUND - can I ground to the center of an electrical outlet? OR,
would something like the MFJ Artifical Ground do the job for me?

ANTENNA - I am looking at something like the MFJ Portable Antenna
1621 or the MFJ Apartment Antenna 1622. Do I need an Antenna Tuner
for either antenna (I don't own an antenna tuner or SWR meter yet).
If I need an antenna tuner, would an MFJ 941 or 949 do? (I'm not sure
of the advantage of one over another).

Thanks - Roy Ashkenaz K2RMA

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# 13460. RE: [FT100] Antenna/Gnd help needed for new (clueless) General

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 23:10:16 UTC
From: Smith Rick-CARA91
Topic: 13456  Message: 13460

The 945e now offers the bypass switch, need to read the latest ads on the net! sorry for the omission. KT7G

-----Original Message-----
From: Smith Rick-CARA91 [mailto:k7gdn@...]
Sent: Sunday, April 07, 2002 3:59 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Antenna/Gnd help needed for new (clueless) General

Roy, The best thing that I have found for finding ground for the radio is to make one radial each for each band that you want to operate on. If you want 40 32' 6", 20 is 16' 6', 15 is 11', 10 is 8' 3". these are made from insulated wire, since they will have some voltage on them, and all tied to your rig ground at one end. The wire size is based on what is available and what you want to wind up sometime. They can be bundled together and run around the perimeter of the room if you want. They will effectively strip the RF from the radio. I have used this from a 17th floor motel room without problems when the antenna was a vertical less than 15 feet away. You are no longer clueless, you now know what a quarter wave is on those bands.
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I have used another arrangement that had a coil at the base and a collapsible rod, the coil was changed per band, did not work well.
The 1620 is similar to hamsticks, and iron horse and others that work well on the car, will need radials and a mount for your apartment. I have used two of these as a dipole with a mount available and they work well, if you can get them away from the building and elevated.
There is an old book out there that I have seen at some radio shacks, "simple low cost wire antennas for radio amateurs" originally by W6SAI and W2LX. good book to have and experiment with.
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Thanks - Roy Ashkenaz K2RMA

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# 13461. Re: [FT100] Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-07 23:58:31 UTC
From: Alex Turner
Topic: 13447  Message: 13461

Anthony, thanks for responding. I am going ahead with the mod on the fan myself. Glad you are having good luck with yours also.
The mic mod is a bit confusing since mine has the mic element surounded by rubber and then inserted into a plastic cylinder.
Thanks again.

73
Alex N4BYJ
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[Non-text portions of this message have been removed]

# 13462. Re: [FT100] Re: Ant Err message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 01:07:21 UTC
From: Dale G. Brown
Topic: 13415  Message: 13462

Ed: The pigtail looks ok......and I get the "ant err" even without the ATAS100 attached when I hit the tun button...Dale KC2PZ

Edwin Moxon wrote:

> Dale -
>
> What happens with the ATAS disconnected from the rig?
>
> The err message shows up when the rig tries to TUN with a dc short on the HF/6m output. The motor drive circuit is based on a voltage regulator chip that current-limits itself, so it's supposed to survive normal accidents.
>
> How's the pigtail holding up?
>
> (BTW, ATAS-1 vs ATAS-2 is harmless, it simply affects whether the TUN button starts a timed retract cycle on 2/440).
>
> 73, Ed, K1GGI
>
> > It
> > > goes up with 12 V applied and retracts with 9 V. I even replaced the
> coax
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> > hit
> > > the tun button again it squeals......I'm stumped...Dale KC2PZ
>
>
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# 13463. Re: [FT100] Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 01:37:05 UTC
From: Dick Thompson
Topic: 13447  Message: 13463

Alex,

If you are using the MH-36B mic, you will need to remove the mike element that is surrounded by rubber from the plastic tube. Use a small pointed instrument (a dental pick is ideal) and carefully lift the element out of the plastic tube. The element will NOT separate from the rubber. After you get the element and rubber surrounding it from the plastic tube, shake the mic upside down and remove the plastic baffle (the same size as the diameter of the inside of the plastic tube). Then, look through the plastic tube and you will see that only 2 of the 3 mic holes are open. Use a sewing needle and poke through the one that is plugged up. Set you mic gain to 55 and you will find that your audio reports will be much better.

Good luck.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Sunday, April 07, 2002 5:58 PM
Subject: Re: [FT100] Re: FT100D Mods

Anthony, thanks for responding. I am going ahead with the mod on the fan myself. Glad you are having good luck with yours also.
The mic mod is a bit confusing since mine has the mic element surounded by rubber and then inserted into a plastic cylinder.
Thanks again.

73
Alex N4BYJ
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# 13464. Re: [FT100] Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 01:56:56 UTC
From: Alex Turner
Topic: 13447  Message: 13464

Dick,thanks. That was what I needed. I'm almost through with my mods now.
Thanks also to whoever posted the pictures of the various mods.

Alex N4BYJ
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Sunday, April 07, 2002 9:37 PM
Subject: Re: [FT100] Re: FT100D Mods

Alex,

If you are using the MH-36B mic, you will need to remove the mike element that is surrounded by rubber from the plastic tube. Use a small pointed instrument (a dental pick is ideal) and carefully lift the element out of the plastic tube. The element will NOT separate from the rubber. After you get the element and rubber surrounding it from the plastic tube, shake the mic upside down and remove the plastic baffle (the same size as the diameter of the inside of the plastic tube). Then, look through the plastic tube and you will see that only 2 of the 3 mic holes are open. Use a sewing needle and poke through the one that is plugged up. Set you mic gain to 55 and you will find that your audio reports will be much better.

Good luck.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Sunday, April 07, 2002 5:58 PM
Subject: Re: [FT100] Re: FT100D Mods

Anthony, thanks for responding. I am going ahead with the mod on the fan myself. Glad you are having good luck with yours also.
The mic mod is a bit confusing since mine has the mic element surounded by
rubber and then inserted into a plastic cylinder.
Thanks again.

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# 13465. RE: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 02:39:02 UTC
From: Tom Tishken KD4WOV
Topic: 13428  Message: 13465

could the software be used to read or write a VFO freq? If so you do it a long way round use the M>V key, then load the freq into your software. Manipulate your freq (add mode, RPT shift, TON, SKP. and others) for each channel then reorganize the Freq list, and write the memories one by one. Or is that too complicated to do the limited capabilities of the FT-100 Cat port?

-----Original Message-----
From: A V Flinsch [mailto:avflinsch@...]
Sent: Sunday, April 07, 2002 8:47 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Moving Memories around

On Saturday 06 April 2002 23:59, you wrote:
> Hello everyone,
> I have 250+ memories stored on my FT-100D. What do you all recommend
> for moving memories around easily. I have found a streamlined approach
> for the front panel, but was wondering about soft ware for manipulation
> the memories.

AFAIK, there is no way to directly manipulate the FT100 memory channels thru external software, as there are no commands to do so. There MAY be some undocumented commands to do this, I just have not found any reference to it.

My approach to this task in my software, is to use a seperate datafile for memory channels. This way I have many more available to me than the 300 that are provided by the FT100.

If I were to chaange memory channels on the FT100, I would load my software, and the external datafile, then manually add them to the FT100 internal memories. To add them to my external file, I would need ttdo the opposite.

If you are running Linux, my software is at http://www.qsl.net/kc2ivl There is a windows version available (command line only), and the tasks outlined above are actually functions of the gui frone end, and I have not written one for windows at this time.

> go to memory (lets say 20) 20 then select M>V. Then select vfo/mr. then
> hold in V/M for about a second you will hear a beep (this erases the
> memory). Then select vfo/mr. Then select V/M and find a new memory
> location. then hold V/M for a second and now you have completed your
> memory move.

--
Alex

KC2IVL
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
8:30am up 1 day, 15:03, 3 users, load average: 0.01, 0.03, 0.03

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# 13466. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 03:23:07 UTC
From: Pres Waterman
Topic: 13428  Message: 13466

> could the software be used to read or write a VFO freq? If so you do it a
> long way round use the M>V key, then load the freq into your software.
> Manipulate your freq (add mode, RPT shift, TON, SKP. and others) for each
> channel then reorganize the Freq list, and write the memories one by one.
Or
> is that too complicated to do the limited capabilities of the FT-100 Cat
> port?

The best way to compromise the memory issue would be to have the software ready to present to the VFO each full channel data incl.mode, tone, offset I think the CAT command will do offset ) sequentially. You then press V>M, rotate the channel selector one click, and HOLD V>M, and bring the next channel info to the VFO from the software.

repeat as desired

It IS theoretically possible to make a contact closure using a transistor or optoisolator across the proper front-panel key and the "up" button on the mic, and have the software control that closure, for fully automated memory stuffing ( figure it would be slow as well, but better than manual ) but that kind of "macro" operation without feedback to the computer seems to be a nghtmare waiting to happen.

Maybe you could write a routine that will present a memory's data into the VFO, electronically "press" V>M, then "up", then hold V>M, then "press" M>V, and compare the VFO contents just read out of memory to see that the proper steps completed... then do it all over again. The kind of mindless task a computer is excellent at.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13467. RE: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 03:31:43 UTC
From: Tom Tishken KD4WOV
Topic: 13428  Message: 13467

Well, I would love to see a program that I could dump memories into, even going thru the M>V routine. If it was able to allow me to sort the list (i.e. separate everything out in bands (80, 40, 30, 20 , and so forth) and change channel properties), then I would be willing to do a little manual labor. Seems it may be better than the drawn out process done from the front panel.

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Sunday, April 07, 2002 11:23 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Moving Memories around

> could the software be used to read or write a VFO freq? If so you do it a
> long way round use the M>V key, then load the freq into your software.
> Manipulate your freq (add mode, RPT shift, TON, SKP. and others) for each
> channel then reorganize the Freq list, and write the memories one by one.
Or
> is that too complicated to do the limited capabilities of the FT-100 Cat
> port?

The best way to compromise the memory issue would be to have the software ready to present to the VFO each full channel data incl.mode, tone, offset I think the CAT command will do offset ) sequentially. You then press V>M, rotate the channel selector one click, and HOLD V>M, and bring the next channel info to the VFO from the software.

repeat as desired

It IS theoretically possible to make a contact closure using a transistor or optoisolator across the proper front-panel key and the "up" button on the mic, and have the software control that closure, for fully automated memory stuffing ( figure it would be slow as well, but better than manual ) but that kind of "macro" operation without feedback to the computer seems to be a nghtmare waiting to happen.

Maybe you could write a routine that will present a memory's data into the VFO, electronically "press" V>M, then "up", then hold V>M, then "press" M>V, and compare the VFO contents just read out of memory to see that the proper steps completed... then do it all over again. The kind of mindless task a computer is excellent at.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 13468. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 03:42:55 UTC
From: Pres Waterman
Topic: 13428  Message: 13468

> Well, I would love to see a program that I could dump memories into, even
> going thru the M>V routine. If it was able to allow me to sort the list
> (i.e. separate everything out in bands (80, 40, 30, 20 , and so forth) and
> change channel properties), then I would be willing to do a little manual
> labor. Seems it may be better than the drawn out process done from the
front
> panel.

I have passed the suggestion on to Bob Freeth bob.freeth@... who
wrote a very nice Yarsu contol program called FTBasic.

Maybe you could start with his program and load the memories manually as you
said. http://dialspace.dial.pipex.com/town/avenue/aci07/polarplot/

Look at the top for "FTBasic"

Another terrific idea I have used to load dozens and dozens of memories for
a friend is to have a "QSY'er" keypad connected. You tap, tap, tap in the
frequencies ( and mode and offset if necessary ) then to the "V>M"
hokey-pokey

http://john.hansen.net

disregard the statement that the frequency keyer is for iCOM... he also has
Yaesu FT-100 and FT-817 supported

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13469. Re: [FT100] Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 04:12:25 UTC
From: Dick Thompson
Topic: 13447  Message: 13469

You're welcome. I claim no credit for the mod. I got it off one of the web sites and just did it a couple of days ago. When you put the mic back together, be sure that the small switches on the side are put back properly. The predominant curve goes towards the face of the mic.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com
Sent: Sunday, April 07, 2002 7:56 PM
Subject: Re: [FT100] Re: FT100D Mods

Dick,thanks. That was what I needed. I'm almost through with my mods now. Thanks also to whoever posted the pictures of the various mods.

Alex N4BYJ
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Sunday, April 07, 2002 9:37 PM
Subject: Re: [FT100] Re: FT100D Mods

Alex,

If you are using the MH-36B mic, you will need to remove the mike element that is surrounded by rubber from the plastic tube. Use a small pointed instrument (a dental pick is ideal) and carefully lift the element out of the plastic tube. The element will NOT separate from the rubber. After you get the element and rubber surrounding it from the plastic tube, shake the mic upside down and remove the plastic baffle (the same size as the diameter of the inside of the plastic tube). Then, look through the plastic tube and you will see that only 2 of the 3 mic holes are open. Use a sewing needle and poke through the one that is plugged up. Set you mic gain to 55 and you will find that your audio reports will be much better.

Good luck.

73,

Dick
WBØDUL@...
----- Original Message -----
From: Alex Turner
To: FT100@yahoogroups.com

Sent: Sunday, April 07, 2002 5:58 PM
Subject: Re: [FT100] Re: FT100D Mods

Anthony, thanks for responding. I am going ahead with the mod on the fan myself. Glad you are having good luck with yours also.
The mic mod is a bit confusing since mine has the mic element surounded by
rubber and then inserted into a plastic cylinder.
Thanks again.

73
Alex N4BYJ
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[Non-text portions of this message have been removed]

# 13470. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 05:22:20 UTC
From: cherokeeguy777@aol.com
Topic: 13434  Message: 13470

JUST A COMMENT ON THE FT100D/ATAS INSTALLATION. MAKE SURE THE ANTENNA IS GROUNDED, GROUNDED, GROUNDED. MINE WORKS REAL WELL. I RAN A PC OF 10ga WIRE FROM THE BRACKET TO THE FRAME AND I CAN TUNE FROM 7Mhz TO 30Mhz WITH THE PUSH OF A BUTTON. ALL MODS HAVE BEEN DONE ALSO. GREAT RIG!

KC8LQV

# 13471. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 05:23:46 UTC
From: Pres Waterman
Topic: 13434  Message: 13471

> JUST A COMMENT ON THE FT100D/ATAS INSTALLATION. MAKE SURE THE ANTENNA IS
> GROUNDED, GROUNDED, GROUNDED. MINE WORKS REAL WELL. I RAN A PC OF 10ga
WIRE
> FROM THE BRACKET TO THE FRAME AND I CAN TUNE FROM 7Mhz TO 30Mhz WITH THE
PUSH
> OF A BUTTON. ALL MODS HAVE BEEN DONE ALSO. GREAT RIG!

HOW ABOUT SIX METERS!!!?!?!??!?!?!?!

MAYBE YOU SHOULD TURN THE VOLUME DOWN THOUGH!!!!!!

YOU'RE SHOUTING!!!!!!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13472. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 05:28:05 UTC
From: cherokeeguy777@aol.com
Topic: 13434  Message: 13472

6 METERS TUNES FINE.

I'M TOO LOUD???

# 13473. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 05:49:19 UTC
From: Pres Waterman
Topic: 13434  Message: 13473

> 6 METERS TUNES FINE.
>
> I'M TOO LOUD???

All caps is considered SHOUTING!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13474. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 05:59:17 UTC
From: cherokeeguy777@aol.com
Topic: 13434  Message: 13474

Sorry 'bout that. That's usually the way I type. Is this better?

# 13475. Re: [FT100] Re: FT-100/ATAS-100 Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 06:03:06 UTC
From: Pres Waterman
Topic: 13434  Message: 13475

> Sorry 'bout that. That's usually the way I type. Is this better?
>

So easy on the eyes!

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13476. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 14:39:02 UTC
From: Dick Thompson
Topic: 13428  Message: 13476

Pres,

I went to John Hanson's web site. But I didn't see anything that mentioned support for Yaesu. The keypad looks like it would be handy for mobile operation if for nothing more than a safety issue. It's much easier to enter a frequency via a keypad than to have to drive down a street or highway and watch the display on the radio while you turn the knob.

That's one reason I'm getting static from the XYL about installing the FT-100D in our Buick when we take road trips. In essence she is correct, but I hate to admit it. (Uh, pardon the word "Buick", but keep in mind I do own a '91 Ford F-250 that runs on gasoline or propane, depending on how the switch is flipped). On that subject, what can I do to improve the gas mileage on that gas hog? Seven mpg pulling the trailer or not, sucks! Answer direct to wbØdul@..., as I don't want to get into a mileage discussin on the reflector.

73,

Dick
WBØDUL@...

----- Original Message -----
From: "Pres Waterman" <presw@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, April 07, 2002 9:42 PM
Subject: Re: [FT100] Moving Memories around

>
>
> > Well, I would love to see a program that I could dump memories into, even
> > going thru the M>V routine. If it was able to allow me to sort the list
> > (i.e. separate everything out in bands (80, 40, 30, 20 , and so forth) and
> > change channel properties), then I would be willing to do a little manual
> > labor. Seems it may be better than the drawn out process done from the
> front
> > panel.
>
>
> I have passed the suggestion on to Bob Freeth bob.freeth@... who
> wrote a very nice Yarsu contol program called FTBasic.
>
> Maybe you could start with his program and load the memories manually as you
> said. http://dialspace.dial.pipex.com/town/avenue/aci07/polarplot/
>
> Look at the top for "FTBasic"
>
> Another terrific idea I have used to load dozens and dozens of memories for
> a friend is to have a "QSY'er" keypad connected. You tap, tap, tap in the

> frequencies ( and mode and offset if necessary ) then to the "V>M"
> hokey-pokey
>
> http://john.hansen.net
>
> disregard the statement that the frequency keyer is for iCOM... he also has
> Yaesu FT-100 and FT-817 supported
>
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!
>
>
>
>
>
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>
>

# 13477. Re: replacement whip for atas 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 14:52:36 UTC
From: w1pa
Topic: 13427  Message: 13477

--- In FT100@y..., "we1md" <rjs@w...> wrote:
> Can anone get me the RS part # for a whip that will work on ATAS100
> Vertex says perhaps in 6 weeks!

The whip hole for the ATAS is narrow. I modified mine (i.e. drilled it out larger) to accept a standard Larson whip. Larson whips are also black.

Bill
W1PA

# 13478. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:11:09 UTC
From: Pres Waterman
Topic: 13428  Message: 13478

I went to John Hanson's web site. But I didn't see anything that mentioned support for Yaesu. The keypad looks like it would be handy for mobile operation if for nothing more than a safety issue. It's much easier to enter a frequency via a keypad than to have to drive down a street or highway and watch the display on the radio while you turn the knob.

It's terrific for mobile use, and as I said:

> disregard the statement that the frequency keyer is for iCOM... he also has
> Yaesu FT-100 and FT-817 supported

I have two and would highly recommend them. Not only do they implement direct frequency entry, but they also have a bandplan built in and it enters the mode for you too!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13479. Re: replacement whip for atas 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:28:49 UTC
From: w1pa
Topic: 13427  Message: 13479

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "we1md" <rjs@w...> wrote:
> > Can anone get me the RS part # for a whip that will work on ATAS100
> > Vertex says perhaps in 6 weeks!
>
> The whip hole for the ATAS is narrow. I modified mine (i.e. drilled
> it out larger) to accept a standard Larson whip. Larson whips are
> also black.
>
> Bill
> W1PA

Just to be clear, the Larson whip is longer than the ATAS whip. I used the edge of a metal file to file an indent into the whip, and snapped it to length, and then removed the bottom 1/2" of black coating with the file to make good contact. I put a bit of grease on the shaft to make sure the whip and the holder don't "weld" themselves together like others have experienced.

Bill

# 13480. Re: [FT100] Re: replacement whip for atas 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:37:25 UTC
From: Pres Waterman
Topic: 13427  Message: 13480

>
> The whip hole for the ATAS is narrow. I modified mine (i.e. drilled
> it out larger) to accept a standard Larson whip. Larson whips are
> also black.

Hmmm. That sounds really nice looking.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13481. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:42:48 UTC
From: Lee Boulineau
Topic: 13330  Message: 13481

I suggest two hard drives (one with each system) if
you dual boot Windows and Linux!!

73 de N4MVL

Lee

--- Alex Turner <aturner13@...> wrote:
> I have a new computer standing by and was thinking
> of installing Linux and
> Win98SE in a dual boot configuration. Is this a big
> deal? I have Red hat
> version7 and I would like to try it. Can't give up
> my Windows though.
>
> Alex N4BYJ
> ----- Original Message -----
> From: avflinsch
> To: FT100@yahoogroups.com
> Sent: Tuesday, April 02, 2002 5:10 PM
> Subject: [FT100] Re: Cat programing
>
>
> --- In FT100@y..., "lc5yat" <knnilse@o...> wrote:
> > Where could I find any information on CAT
> programing for my FT-100,
> > except for the manual.
>
> The good techs at Yaesu told me that that is the
> only available
> information. Personally I thought that it was
> pretty poor myself.
>
> What platform are you programming for?
>
> I have written a command line program and a gui
> front end for the
> program to run under linux. The command line
> version will also
> compile
> for windows if you are using the cygwin compilier.
>
> You can download the programs and source from
> http://www.qsl.net/kc2ivl
>
>

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> removed]
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>

---
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13482. Re: [FT100] 148.150 Birdie

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:21:56 UTC
From: Mike May
Topic: 13419  Message: 13482

Hey Adam,

Now I'm curious as to if it is cabling causing some conducted spurs or bandwidth filtering it out, try to tune off frequency from 148.15 and see if you can find the spur on an adjacent channel.

Mike

Adam wrote:

> An interesting event occured yesterday after I installed my AM filter
> into
> the radio.....the birdie is gone! I wonder if it has something to do
> with
> wire routing as I changed a lot of it in order to make the connections
> work.
> Nice to be able to hear REDROCK units. Adam
>
>
> Post message: FT100@yahoogroups.com
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# 13483. Re: FT100 with a power supply question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:24:15 UTC
From: morganquityesterday
Topic: 13428  Message: 13483

What happens is when power is first applied to the radio, the CPU wakes up, including waking up the display, then finds, "Woops, I'm supposed to be OFF," and turns the radio off again.

It's got to wake up when power is first applied to determine that it is supposed to be off.

Mine, although connected to a power source only once when I installed it into my Jeep, did the same thing. Before that, I had read some posts in here that that is the expected behavior. You can probably find those postings, but I cannot direct you to any specific message number. Try a search on "power on" or "power up" or something like that.

Hope this helps,

Turner - WA4MQY

# 13484. Re: [FT100] Re: replacement whip for atas 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 15:47:03 UTC
From: Pres Waterman
Topic: 13427  Message: 13484

>
> Just to be clear, the Larson whip is longer than the ATAS whip. I

Someone ( Vern of http://www.superantennas.com I think ) told me that the coil really sets the band... the whip is less important. If one were to install a longer whip ( say 60" ) would the thing NOT tune at the same point ( important because the coil inside is more spread out in the ham bands to find the sweet spot easier ) or would it still tune properly and the whole thing be more efficient?

BTW yesterday I saw it do the tune...past...reverse move on 6m, so maybe it is a feature.

I can say that for the first of dozens of installs I have a really good ground!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13485. High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 17:45:50 UTC
From: starfury22
Topic: 8763  Message: 13485

I have an FT-100 bought last July (new), and the serial number indicates a 2000 manufacture. I have a Radio Shack HX-100 20 watt 10 meter rig and a Hamstick in my car, and I replaced the HX-100 with the FT-100. SWR on the HX-100 at 28.4 was near 1.1 to 1. I put the FT-100 in ,and the SWR meter pegged and the output meter showed pegged oscillation and SWR on the FT-100). I cut the HF power down to "20" on the menu, and the SWR was still pegged and RF was getting into the audio. I hooked a ground wire (#12) from the antenna feedthrough mount on the back of the FT-100 direct to the ground bus I have in the car (braid to ground on the seat mount to the car body). It made no difference. Am I ready to send it to Yaesu for the SWR mod? So far, the Radio Shack is better than the Yaesu.
"Discouraged and ready to dump all Yaesus"
Gary, WA4ZQX

# 13486. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 17:52:28 UTC
From: Alex Turner
Topic: 13330  Message: 13486

Thanks, Lee. I had been running that around in my head and it seems like the best solution. I have a hard drive that I was going to move into the new unit anyway.
Thanks again for responding.

Alex N4BYJ
----- Original Message -----
From: Lee Boulineau
To: FT100@yahoogroups.com
Sent: Monday, April 08, 2002 11:42 AM
Subject: Re: [FT100] Re: Cat programing
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[Non-text portions of this message have been removed]

# 13487. Re: [FT100] High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 18:46:16 UTC
From: Pres Waterman
Topic: 8763  Message: 13487

> body). It made no difference. Am I ready to send it to Yaesu for
> the SWR mod? So far, the Radio Shack is better than the Yaesu.
> "Discouraged and ready to dump all Yaesus"

Yes, the SWR mod is called for. If it is out of warranty ( and I feel it should not matter but who am I? ) you could do it yourself, and while you are at it add a resistor from the black wire of one of the fans to ground to idle it slowly all the time. Do those 2 things and you will have a radio that makes you proud.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13488. ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:17:57 UTC
From: John McClain
Topic: 13488  Message: 13488

After reading about the problems that some have reported about broken wires in their ATAS-100 antennas, I have started to use a rubber strap wrench that grasps the chrome base. This will remove all stress from the parts of the antenna except for the connection between the chrome base and the SO-239 connector. Will this eliminate the broken wire problem? My ATAS-100 is installed and removed each because I can't trust the neighborhood kids.

John
K7SVV@...

# 13489. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:34:57 UTC
From: Pres Waterman
Topic: 13488  Message: 13489

wouldn't electrical tape joining the chrome part to the black body suffice?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13490. Security for the ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:35:37 UTC
From: pmp4me
Topic: 13490  Message: 13490

Is there any reasonable way to keep someone from unscrewing and walking away with this $300 antenna I just ordered ?

Thanks,
Greg
N4EN

# 13491. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:43:30 UTC
From: John McClain
Topic: 13488  Message: 13491

Pres,
I guess I don't understand your message. I use the strap
wrench to tighten the antenna in the morning and again in the evening
to remove it. Why would I need to use electrical tape?

John
K7SVV@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Monday, April 08, 2002 12:34 PM
Subject: Re: [FT100] ATAS-100 and Strap Wrench

wouldn't electrical tape joining the chrome part to the black body
suffice?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 13492. Re: [FT100] Security for the ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:51:34 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13490  Message: 13492

Yup, the Comet $60 quick-disconnect mount. I take it off and put the entire assembly in the trunk.

DaveK wp2aat

pmp4me wrote:

> Is there any reasonable way to keep someone from unscrewing and
> walking away with this $300 antenna I just ordered ?
>
> Thanks,
> Greg
> N4EN
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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# 13493. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:52:20 UTC
From: John McClain
Topic: 13488  Message: 13493

Oppps, make that 'the male connector', not SO-239..

John
K7SVV@...
----- Original Message -----
From: John McClain
To: FT-100
Sent: Monday, April 08, 2002 12:17 PM
Subject: [FT100] ATAS-100 and Strap Wrench

After reading about the problems that some have reported about broken wires in their ATAS-100 antennas, I have started to use a rubber strap wrench that grasps the chrome base. This will remove all stress from the parts of the antenna except for the connection between the chrome base and the SO-239 connector. Will this eliminate the broken wire problem? My ATAS-100 is installed and removed each because I can't trust the neighborhood kids.

John
K7SVV@...

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# 13494. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 19:56:12 UTC
From: Pres Waterman
Topic: 13488  Message: 13494

> I guess I don't understand your message. I use the strap
> wrench to tighten the antenna in the morning and again in the evening
> to remove it. Why would I need to use electrical tape?

OK, I'll turn it around... why do you need a wrench> I Only hand-tighten it.
And the electrical tape "joins" the chrome base to the black tube, making
sure the tube does not twist differently then the base, reducing the
internal damage possibility

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13495. Re: Security for the ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 20:29:25 UTC
From: w1pa
Topic: 13490  Message: 13495

--- In FT100@y..., "pmp4me" <n4en@a...> wrote:
> Is there any reasonable way to keep someone from unscrewing and
> walking away with this $300 antenna I just ordered ?
>
> Thanks,
> Greg
> N4EN

Unfortunately, no. There is no locking mechanism that I am aware of. Most evenings I remove mine and put it inside the wagon. I have heard of someone using the large maglite holder brackets as a snap in holder inside the vehicle to stow the antenna.

Bill
W1PA

# 13496. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 20:50:27 UTC
From: Pres Waterman
Topic: 13488  Message: 13496

> Oppps, make that 'the male connector', not SO-239..

No, the male connector ( PL-259 ) is the base of the antenna, the mount is "all" SO-239 and accepts both he antenna and the feedline

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13497. Best CAT software?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 20:50:30 UTC
From: ki5mp
Topic: 13497  Message: 13497

Ok guys and gals. What is the general consensus on what is the best CAT software (for the Windows platform) currently available for the FT100D? The ones I know of are: CAT100, CATspaw, FTBasic and TRxManager. I have looked at the demos of all of them, but haven't actually tried them yet (waiting on my CT-62 cable).

Just looking for some comments from those who have actually used some of these packages.

Thanks,

Mike KI5MP

# 13498. Re: [FT100] Moving Memories around

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 21:37:30 UTC
From: A V Flinsch
Topic: 13428  Message: 13498

On Sunday 07 April 2002 22:39, you wrote:
> could the software be used to read or write a VFO freq? If so you do it
> a long way round use the M>V key, then load the freq into your
> software. Manipulate your freq (add mode, RPT shift, TON, SKP. and
> others) for each channel then reorganize the Freq list, and write the
> memories one by one. Or is that too complicated to do the limited
> capabilities of the FT-100 Cat port?

That is possible, and about the only way to do it, and is fairly labor
intessive from the operators point, as it will require lots of twisting
of knobs.

Probably easier to just re-enter the freqs as needed into the correct
memory channels.

--
Alex
KC2IVL
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
5:30pm up 33 min, 2 users, load average: 0.09, 0.11, 0.04

# 13499. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 21:58:24 UTC
From: John McClain
Topic: 13488  Message: 13499

I said male connector and I meant male connector.

John
K7SVV@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Monday, April 08, 2002 1:50 PM
Subject: Re: [FT100] ATAS-100 and Strap Wrench

> Oppps, make that 'the male connector', not SO-239..

No, the male connector ( PL-259 ) is the base of the antenna, the
mount is
"all" SO-239 and accepts both he antenna and the feedline

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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# 13500. 1 kW AM with the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 22:04:03 UTC
From: backhoefade
Topic: 13500  Message: 13500

Last night I fired up the FT-100D / SB-220 combo and ran 1 kW AM. Got a 20 dB over S9 report down the coast in LA on 7.290 MHz. The guy said my audio was "great". He was hard pressed to believe he was listening to an FT-100D on AM. Most of the "Ancient Modulator" group are running old Vikings, Apachees and other Jurasic era glow-in-the-dark boat anchors. Kinda fun to run the FT-100D on AM. Definitely one versatile high performance rig!

N6AF Chas

# 13501. Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 22:08:16 UTC
From: John McClain
Topic: 13501  Message: 13501

I am very upset about the sex and porn e-mail that I am now receiving because of Yahoo's changes to their privacy policy. When this change was first discovered last week, I immediately made the appropriate changes to my profile at Yahoo but it was too late. I am getting this junk every day and there doesn't seem to be anyway to stop it. I respond to each porn e-mail's instructions on how to be removed from their mailing list but the mail is returned to me from yahoo.com saying that it is undeliverable. I would like to forward this mail on to yahoo so that they can correct the problem but they seem to have protected themselves by not having any or many e-mail address's. Contacting them via their web site is the only way that I have been able to find. Does anyone know of an e-mail address that can be used to forward junk mail to them? What yahoo has done to us is unforgivable.

John
K7SVV@...

# 13502. Re: Security for the ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 22:26:02 UTC
From: k5unm
Topic: 13490  Message: 13502

--- In FT100@y..., "pmp4me" <n4en@a...> wrote:
> Is there any reasonable way to keep someone from unscrewing and
> walking away with this $300 antenna I just ordered ?
>
> Thanks,
> Greg
> N4EN

What I did for mine was drill and tap a 6-32 set screw in the chrome base about 3/4 of the way down the base. I then mounted the antenna and tightened the set screw down to mark the so-239 threads. I then filed a small flat there on the threads. Unless someone is equiped with a hex head wrench in the right size for the metric headed 6-32 set screw then they play hell trying to trun it off by hand or strap wrench. I also did the same for my Comet 144/440 dual band antenna. About the only drawback to this method is if you don't use stainless set screws it will rust in place, but where I live in humid wet (dry) Florida I always use stainless on everything exposed to the elements.
Mike
K5UNM

# 13503. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 22:42:40 UTC
From: Dick Thompson
Topic: 13501  Message: 13503

John, the problem is that you are responding. By doing so you are verifying that they have a correct address and that someone actually is receiving the mail. If you are using Internet Explorer, you can go to Messages and then Block Sender. You can also create a rule that will delete the junk from the server before it is sent. If you're not using Internet Explorer, then I don't know how to tell you to block it. Just don't respond to it to be removed.

73,

Dick
WB0DUL@...
----- Original Message -----
From: John McClain
To: FT-100
Sent: Monday, April 08, 2002 4:08 PM
Subject: [FT100] Yahoo email address?

I am very upset about the sex and porn e-mail that I am now receiving because of Yahoo's changes to their privacy policy. When this change was first discovered last week, I immediately made the appropriate changes to my profile at Yahoo but it was too late. I am getting this junk every day and there doesn't seem to be anyway to stop it. I respond to each porn e-mail's instructions on how to be removed from their mailing list but the mail is returned to me from yahoo.com saying that it is undeliverable. I would like to forward this mail on to yahoo so that they can correct the problem but they seem to have protected themselves by not having any or many e-mail address's. Contacting them via their web site is the only way that I have been able to find. Does anyone know of an e-mail address that can be used to forward junk mail to them? What yahoo has done to us is unforgivable.

John
K7SVV@...

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[Non-text portions of this message have been removed]

# 13504. Front Plate interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 23:44:56 UTC
From: Russ Thompson
Topic: 13504  Message: 13504

I am a software programmer, so hardware is way out of my league. However, it seems to me that if we could break the interface code between the front panel and the main case, we could build a interface to allow a Linux or windoze based application to imitate the front panel. Once that was done, the software could do anything the op can do, plus would be useable even for those of us that at FC20s
Has anyone looked at that possibility?
73, DE KX5G
Russ Thompson

# 13505. Re: [FT100] Re: Cat programing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 23:54:34 UTC
From: Jeff U
Topic: 13330  Message: 13505

If you do install windows first. The Redhat install will do all the work for you to set up the dual boot.

Also take a look at Mandrake 8.2. It's based on RedHat and is a lot friendlier to the Linux newcomer.

Jeff
KB9KLD

> --- Alex Turner <aturner13@...> wrote:
> > I have a new computer standing by and was thinking
> > of installing Linux and
> > Win98SE in a dual boot configuration. Is this a big
> > deal? I have Red hat
> > version7 and I would like to try it. Can't give up
> > my Windows though.
> >

# 13506. FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 00:51:56 UTC
From: G. L. Richmond
Topic: 13506  Message: 13506

Well,

Decided today that I'll have Yeasu do all of the Mods and check alignment on the rig..

radio had recently started the High SWR issue and I hardily use the 2/440 side of the rig.. so not to worried about the fan issues as of yet..

the clock is now ticking.. to see how long it takes to turn it around..

I called Yaesu before I put it into UPS hands.. and asked about the cost to do the mods..

Mike at Yaesu says their is no cost, even out of warranty... thier is a cost to check alignment of about 50 to 70 dollars..

We shall see..

Gerald de N5ZXJ

FT-100 and High Sierra -1500

# 13507. Re: [FT100] Front Plate interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 03:03:26 UTC
From: A V Flinsch
Topic: 13504  Message: 13507

On Monday 08 April 2002 19:44, you wrote:
> I am a software programmer, so hardware is way out of my league.
> However, it seems to me that if we could break the interface code
> between the front panel and the main case, we could build a interface
> to allow a Linux or windoze based application to imitate the front
> panel. Once that was done, the software could do anything the op can
> do, plus would be useable even for those of us that at FC20s
> Has anyone looked at that possibility?
> 73, DE KX5G

I think that this would get into some serious hardware and software
hacking. We would need to have some sort of i/o cable between the front
panel & the computer, along with the programming.

--
Alex
http://www.qsl.net/kc2ivl
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
11:00pm up 6:03, 2 users, load average: 0.10, 0.09, 0.03

# 13508. Re: [FT100] Digest Number 1181

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 02:54:28 UTC
From: Dan K Nelson
Topic: 13508  Message: 13508

Sure, unscrew it yourself and put it in the trunk when you park the vehicle... :>)

Alternately, I guess you could drill and tap a couple of holes in the base and run a couple of allen set screws up against the so-239 mount. But then again, the thief would probably jsut break it off for spite if they couldn't unscrew it. So the trunk is probably the most "reasonable" idea. Any body else have a slick way to secure this antenna?

73 de W6DKN

>Message: 9
>Date: Mon, 08 Apr 2002 19:35:37 -0000
>From: "pmp4me" <n4en@arrl.net>
>Subject: Security for the ATAS-100
>
>Is there any reasonable way to keep someone from unscrewing and
>walking away with this $300 antenna I just ordered ?
>
>Thanks,
>Greg
>N4EN

# 13509. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 13:57:44 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13501  Message: 13509

I use a program called MailWasher to blacklist and bounce unwanted e-mail and spam. Seems to work reliably.

DaveK wp2aat

John McClain wrote:

> I am very upset about the sex and porn e-mail that I am now receiving
> because of Yahoo's changes to their privacy policy. When this change
> was first discovered last week, I immediately made the appropriate
> changes to my profile at Yahoo but it was too late. I am getting this
> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com
> saying that it is undeliverable. I would like to forward this mail on
> to yahoo so that they can correct the problem but they seem to have
> protected themselves by not having any or many e-mail address's.
> Contacting them via their web site is the only way that I have been
> able to find. Does anyone know of an e-mail address that can be used
> to forward junk mail to them? What yahoo has done to us is
> unforgivable.
>
> John
> K7SVV@...
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 13510. newcomer and want 100d suggestions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 14:53:24 UTC
From: bfhs1051
Topic: 13510  Message: 13510

Hello List. I am a newcomer and would like to know what mods would be suggested as absolute for my 100D. I have had it for 1.5 yrs and not used much. No problems I am aware of yet but new at it. It was never keyed yet on VHF or UHF. Thanks. BFHS1051

# 13511. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 16:14:40 UTC
From: Dick Thompson
Topic: 13501  Message: 13511

Is Mailwasher a Shareware or Freeware product? Where can it be downloaded?

73,

Dick
WB0DUL@...
----- Original Message -----
From: David Kiwerski, Senior Comm Tech, OCSD Communicationd
To: FT100@yahoogroups.com
Sent: Tuesday, April 09, 2002 7:57 AM
Subject: Re: [FT100] Yahoo email address?

I use a program called MailWasher to blacklist and bounce unwanted e-mail and
spam. Seems to work reliably.

DaveK wp2aat

John McClain wrote:

> I am very upset about the sex and porn e-mail that I am now receiving
> because of Yahoo's changes to their privacy policy. When this change
> was first discovered last week, I immediately made the appropriate
> changes to my profile at Yahoo but it was too late. I am getting this
> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com
> saying that it is undeliverable. I would like to forward this mail on
> to yahoo so that they can correct the problem but they seem to have
> protected themselves by not having any or many e-mail address's.
> Contacting them via their web site is the only way that I have been
> able to find. Does anyone know of an e-mail address that can be used
> to forward junk mail to them? What yahoo has done to us is
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>
> John
> K7SVV@...
>
>
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>
> We are all a part of this Lets make it as good as possible.
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[Non-text portions of this message have been removed]

# 13512. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 16:53:41 UTC
From: taurus547@aol.com
Topic: 13501  Message: 13512

Where'd you get it?

Mike
W6MDK

# 13513. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 16:58:29 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13501  Message: 13513

I found it at http://www.mailwasher.net
It has an ad if you don't register and donate, but I don't think it's too intrusive. I used it for almost 2 weeks and got so used to it I sent the guy $20.

DaveK
wp2aat

Dick Thompson wrote:

> Is Mailwasher a Shareware or Freeware product? Where can it be downloaded?
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: David Kiwerski, Senior Comm Tech, OCSD Communicationd
> To: FT100@yahoogroups.com
> Sent: Tuesday, April 09, 2002 7:57 AM
> Subject: Re: [FT100] Yahoo email address?
>
> I use a program called MailWasher to blacklist and bounce unwanted e-mail and
> spam. Seems to work reliably.
>
> DaveK wp2aat
>
> John McClain wrote:
>
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> > was first discovered last week, I immediately made the appropriate
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> > to yahoo so that they can correct the problem but they seem to have
> > protected themselves by not having any or many e-mail address's.
> > Contacting them via their web site is the only way that I have been
> > able to find. Does anyone know of an e-mail address that can be used
> > to forward junk mail to them? What yahoo has done to us is
> > unforgivable.
> >
> > John
> > K7SVV@...
> >

> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
>
>
> Post message: FT100@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
> [Non-text portions of this message have been removed]
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 13514. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 19:02:35 UTC
From: taurus547@aol.com
Topic: 13501  Message: 13514

Tnx.

# 13515. Status on FT-100D warranty work.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 21:11:46 UTC
From: kirbentech
Topic: 13515  Message: 13515

For others who may be waiting for FT-100D warranty work, I was
told that the current wait is 5-6 weeks.

My FT-100D arrived at Yeasu on March 6, and was logged in on March
11. The radio has not yet been assigned to a technician, but if the
return is in 5-6 weeks, I should have my radio back within a couple
of weeks.

If anyone has received their radio from Yaesu within the last
couple of days, I'd be interested to know how long the radio was gone.

Kirby
abØrf

# 13516. Re: [FT100] Status on FT-100D warranty work.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 22:54:04 UTC
From: bob/AB9EE
Topic: 13515  Message: 13516

Good luck my radio went feb 15 and i still havent been assigned anyone.
AB9EE

[Non-text portions of this message have been removed]

# 13517. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 22:13:14 UTC
From: Pres Waterman
Topic: 13501  Message: 13517

> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com

That is absolutely the "kiss of death" if you don't want spam. To respond to the "remove" procedure merely confirms the validity of your email address

Don't EVER "remove" yourself

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13518. fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 23:18:09 UTC
From: kg9jp
Topic: 13518  Message: 13518

I've had a problem with the fans in back of the radio for some time.....they don't work at all, period. I found the problem last summer before making an 1800 mile move, so I didn't have time to send it back to the factory. I rigged up a small computer fan to blow air into the radio, and that works fine, but was hoping the fan mod would do the trick. Didn't happen. Turns out, I tested the pins the fan plugs into on the board....only getting about .05V.next to nothing. Anybody have any ideas? I'll live with the external fan rather than send the radio out for repair...the radio is 3 years old and works fine with the external fan.
Since the radio is remotely mounted in the trunk, the noise from the fan isn't an issue.

Tnx..... K.C. - KG9JP

# 13519. Re: fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 23:49:01 UTC
From: k5unm
Topic: 13518  Message: 13519

--- In FT100@y..., "kg9jp" <kg9jp@j...> wrote:
> I've had a problem with the fans in back of the radio for some

Pin 2 (where the red lead mates) is fed with 13.8vdc continuosly thru a 1.8 ohm 1/4 W resistor (R3532). Pin 1 (where the black lead mates) is grounded thru either Q3003 or Q3507 (one V/U the other HF). So by putting in a resistor from the black lead to chassis (50-75 ohms) will get the fans running continuosly at a slow speed. If that doesn't work then you need to locate R3532 (1.8 ohms) on the PA pcb and replace it (SMT resistor) or short it out. The two transistors merely ground the black lead to chassis and are controlled by the microprocessor and thermistor control circuitry. There is also a mod that YAESU does which adds a thermal switch on the heatsink of the V/U finals that also controls the fans independent of the other controls. Commonly referred to as the Thermal mod.

Mike
K5UNM

# 13520. Re: fans

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 00:15:09 UTC
From: kg9jp
Topic: 13518  Message: 13520

Thanks Mike,
The mod by adding the resistor does nothing. Sounds like a job that I'm not prepared nor dio I want to handle. I've rigged it up with an external fan that runs all the time and the radio has worked fine that way for the last 9 months......oh well, it was worth a try.

K.C.

--- In FT100@y..., "k5unm" <k5unm@c...> wrote:
> --- In FT100@y..., "kg9jp" <kg9jp@j...> wrote:
> > I've had a problem with the fans in back of the radio for some .....

# 13521. Re: [FT100] Re: Security for the ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 02:07:53 UTC
From: Pres Waterman
Topic: 13490  Message: 13521

> What I did for mine was drill and tap a 6-32 set screw in the chrome
> base about 3/4 of the way down the base. I then mounted the antenna
> and tightened the set screw down to mark the so-239 threads. I then

If you screw the base to the mount, wouldn't some idiot grab the black
plastic tube abd destroy the antenna as they try to remove it?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13522. Re: FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 02:28:11 UTC
From: am_fm_radio
Topic: 13506  Message: 13522

--- In FT100@y..., "G. L. Richmond" <n5zxj@a...> wrote:
> Well,
>
> Decided today that I'll have Yeasu do all of the Mods and check alignment on
> the rig..
>
> radio had recently started the High SWR issue and I hardily use the 2/440
> side of the rig.. so not to worried about the fan issues as of yet..
>
> the clock is now ticking.. to see how long it takes to turn it around..
>
> I called Yaesu before I put it into UPS hands.. and asked about the cost to
> do the mods..
>
> Mike at Yaesu says their is no cost, even out of warranty... thier is a cost
> to check alignment of about 50 to 70 dollars..
>
> We shall see..
>
> Gerald de N5ZXJ

Gerald,

Mike at Yaesu told me 3 weeks to do all the mods and re-alignments. I shipped the radio March 14th, 2nd day air. It arrived and was signed for. I called today (4/9), since over 3 weeks had passed. I spoke with a woman with a heavy accent. She said no radio's were worked on during the 2 week move!?!?!?!? A tech will be assigned to my radio shortly. I informed her I need the radio for a corss country trip starting 4/22... She told me it was doubtful I'd see the radio even if I paid return shipping. 25 days and no one has looked at my radio.....so much for 1 year warranty. My point according to NH law ...where I bought the radio they have to extend the warranty by the days it's down during the warranty for repair. Soon it will be a month. But get this ..The radio had a bad microphone and it was down for that for 3 weeks... So Yaesu needs to extend my warranty by 46 days as of today. Factually, considering I bought it in October 2001, they should be giving me a new radio... Hell Sears gave me a new projection TV because they couldn't get parts from Sony, maybe Sears should sell ham radio...Best regards..Larry W8LM 0

# 13523. Re: [FT100] FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 02:34:21 UTC
From: Pres Waterman
Topic: 13506  Message: 13523

>
> Mike at Yaesu says their is no cost, even out of warranty... thier is a
cost
> to check alignment of about 50 to 70 dollars..

Personally I think this is bogus. For example, I had a friend align my radio extensively with a IFR monitor. He took hours to do it and re do it.

I sent it in once and specifically told them not to mess with the alignment, which they did not do...

So if I sent the radio in for out-of-warranty factory re-work, would they charge $50-70 for paperwork instead?

"Oil and filter change free... taking the filter out of the box: $23.95"
How's that?

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13524. Re: Status on FT-100D warranty work.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 02:36:34 UTC
From: am_fm_radio
Topic: 13515  Message: 13524

--- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> Good luck my radio went feb 15 and i still havent been assigned anyone.
> AB9EE
>
>
>
> [Non-text portions of this message have been removed]

I was told today by a woman with a heavy accent ...
NO RADIOS WERE WORKED ON FOR 2 WEEKS DURING THE MOVE!?!?!?

45 days in repair and counting....no tech assigned either..
What did I do?!?!? I went to HRO and bought another..SN1H240332 todays
price $839... I understand a "blue dot" on the serial number tag
indicates a "upgraded" radio... any comments?

73's

Larry W8LM
2 FT-100D's
FT-817
FT-890AT

PS, by law Yaesu needs to increase my warranty period by the 45 days
the radio has been in repair....Are you listening Yaesu??

# 13525. Re: FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 02:43:44 UTC
From: am_fm_radio
Topic: 13506  Message: 13525

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> "Oil and filter change free... taking the filter out of the box: $23.95"
> How's that?
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

Pres...

My GMC dealer keeps sending me coupons to bring my new 2002GMC Serria
in for a oil change and filter for $14.95...
Can I hold him to it??

I have a Duramax Diesel... Filter is $24.95 and it uses 10 quarts..
at least I have no ignition noise... BTW I'm getting 22mpg... My
odometer says 5435.. not time for the oil change... book says 7000
miles. Can't wait to break it in.

73's Larry W8LM

# 13526. Re: [FT100] Re: Status on FT-100D warranty work.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 03:32:31 UTC
From: Dick Thompson
Topic: 13515  Message: 13526

The serial number on mine starts with 1L (October, 2001 Mfg date). Yours starts with 1H (June, 2001 Mfg Date). No Blue Dot on my Box labels or on the bottom of the radio. I purchased mine on 3/25/01.

73,

Dick
WB0DUL@...
----- Original Message -----
From: am_fm_radio
To: FT100@yahoogroups.com
Sent: Tuesday, April 09, 2002 8:36 PM
Subject: [FT100] Re: Status on FT-100D warranty work.

--- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> Good luck my radio went feb 15 and i still havent been assigned anyone.
> AB9EE
>
>
>
> [Non-text portions of this message have been removed]

I was told today by a woman with a heavy accent ...
NO RADIOS WERE WORKED ON FOR 2 WEEKS DURING THE MOVE!?!?!?

45 days in repair and counting....no tech assigned either..
What did I do?!?!? I went to HRO and bought another..SN1H240332 todays price $839... I understand a "blue dot" on the serial number tag indicates a "upgraded" radio... any comments?

73's

Larry W8LM
2 FT-100D's
FT-817
FT-890AT

PS, by law Yaesu needs to increase my warranty period by the 45 days the radio has been in repair....Are you listening Yaesu??

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 13527. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 03:34:03 UTC
From: Dick Thompson
Topic: 13501  Message: 13527

Thanks, Dave.

73,

Dick
WB0DUL@...
----- Original Message -----
From: David Kiwerski, Senior Comm Tech, OCSD Communicationd
To: FT100@yahoogroups.com
Sent: Tuesday, April 09, 2002 10:58 AM
Subject: Re: [FT100] Yahoo email address?

I found it at http://www.mailwasher.net
It has an ad if you don't register and donate, but I don't think it's too
intrusive. I used it for almost 2 weeks and got so used to it I sent the guy $20.

DaveK
wp2aat

Dick Thompson wrote:

> Is Mailwasher a Shareware or Freeware product? Where can it be downloaded?
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: David Kiwerski, Senior Comm Tech, OCSD Communicationd
> To: FT100@yahoogroups.com
> Sent: Tuesday, April 09, 2002 7:57 AM
> Subject: Re: [FT100] Yahoo email address?
>
> I use a program called MailWasher to blacklist and bounce unwanted e-mail and
> spam. Seems to work reliably.
>
> DaveK wp2aat
>
> John McClain wrote:
>
> > I am very upset about the sex and porn e-mail that I am now receiving
> > because of Yahoo's changes to their privacy policy. When this change
> > was first discovered last week, I immediately made the appropriate
> > changes to my profile at Yahoo but it was too late. I am getting this
> > junk every day and there doesn't seem to be anyway to stop it. I
> > respond to each porn e-mail's instructions on how to be removed from

> > their mailing list but the mail is returned to me from yahoo.com
> > saying that it is undeliverable. I would like to forward this mail on
> > to yahoo so that they can correct the problem but they seem to have
> > protected themselves by not having any or many e-mail address's.
> > Contacting them via their web site is the only way that I have been
> > able to find. Does anyone know of an e-mail address that can be used
> > to forward junk mail to them? What yahoo has done to us is
> > unforgivable.
> >
> > John
> > K7SVV@...
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
> [Non-text portions of this message have been removed]
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13528. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 03:34:42 UTC
From: Dick Thompson
Topic: 13501  Message: 13528

Amen, Pres. Same thing I told him.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Tuesday, April 09, 2002 4:13 PM
Subject: Re: [FT100] Yahoo email address?

> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com

That is absolutely the "kiss of death" if you don't want spam. To respond to
the "remove" procedure merely confirms the validity of your email address

Don't EVER "remove" yourself

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
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[Non-text portions of this message have been removed]

# 13529. Re: [FT100] Re: FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 04:07:30 UTC
From: Pres Waterman
Topic: 13506  Message: 13529

> 
> My GMC dealer keeps sending me coupons to bring my new 2002GMC Serria
> in for a oil change and filter for $14.95...
> Can I hold him to it??

My coupons exclude diesel. A few $14.95 diesel changes, the fine print will
appear, if not already there

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13530. Re: [FT100] Digest Number 1182

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 06:31:51 UTC
From: Dan K Nelson
Topic: 13530  Message: 13530

What I do is forward each piece to abuse@..., webmaster@..., postmaster@... as well as to the same "persons" at any other server address I find when I do a "view details" on the message. I also cut and paste this "view details"info page into the forwarded message.

I made it easy by creating a message template for this purpose. A quick cut and paste, then forward, and it's done. In the case of those phoney pyramid schemes, chain letters, and the "give me your bank account so I can send you 50 million dollars" I also indicate that a copy has been forwarded to the "US Department of Justice, Internet Fraud Division". On these, I have received many responses from Yahoo indicating that the sender's account has been cancelled - and I never receive another piece of spam from that sender again.

The one thing you *DO NOT* want to do is respond to any "remove me" links in the message. All this does is tell the sender that they have a "live one" and they can add your email address to the "verified listing" that they sell to other spammers.

73 de W6DKN

> Message: 3
> Date: Mon, 8 Apr 2002 15:08:16 -0700
> From: "John McClain" <digi2@...>
> Subject: Yahoo email address?
>
> I am very upset about the sex and porn e-mail that I am now receiving
> because of Yahoo's changes to their privacy policy. When this change
> was first discovered last week, I immediately made the appropriate
> changes to my profile at Yahoo but it was too late. I am getting this
> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com
> saying that it is undeliverable. I would like to forward this mail on
> to yahoo so that they can correct the problem but they seem to have
> protected themselves by not having any or many e-mail address's.
> Contacting them via their web site is the only way that I have been
> able to find. Does anyone know of an e-mail address that can be used
> to forward junk mail to them? What yahoo has done to us is
> unforgivable.
>
> John
> K7SVV@...

# 13531. Time to unsubscribe...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 21:10:58 UTC
From: n1evh@aol.com
Topic: 13531  Message: 13531

Well folks, after 2 years of being on this list... it is time for me to unsubscribe from it. I will no longer have a WORKING FT-100.

I sent my FT-100 into Yaesu back on Dec 17th. Yaesu received it on Dec 26th. Now I didn't hear a thing about my radio until I called them on March 22nd. When I called them then, I was told that a technician had just got done looking at my radio and I was given an estimate of $608 to fix my FT-100.

I thought this was pretty high. So my call was forwarded to some tech there that I spoke to about my radio. As I was talking to him about my radio and why the estimate to fix it was so much, I heard him say "now why does the tech want to replace that". He said he would talk to the tech that did the estimate on my radio and get back to me on Monday (March 22nd was a Friday).

Well today (alomst 3 weeks later) I heard back from Yaesu about my FT-100. The estimate I got today was still $608. I told the person on the phone not to fix the radio and to send it back to me cause for $830 I can get a brand new FT-100D. They asked me is I wanted them to see if they could get the cost down. Asked them what can they do in a few minutes that some tech couldn't do in 3 weeks.

No matter how many times I told them not to fix the radio and to send it back to me... they to send the radio back to me, the person kept asking me if they wanted me to see if they could get the price down any. Finally I said to the person..."can I ask you a question". They said yes. I then asked them "after about 10 times... what part of "do not fix the radio and send it back to me?" do they not understand?"

Now back in 1991 when I had an FT-727 dual-band HT that went back and forth between MA and CA 7 times in 9 months... when I sold that radio I said I would never buy another Yaesu radio. In the past 4 years... I've bought... either new or used... about 10 Yaesu radios. Never again will I buy another Yaesu radio.

Mike - N1EVH

# 13533. RE: [FT100] 1 kW AM with the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 22:08:08 UTC
From: Richard W. Solomon
Topic: 13500  Message: 13533

I hope you were not too longwinded !!!

73, Dick, W1KSZ

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Monday, April 08, 2002 6:04 PM
To: FT100@yahoogroups.com
Subject: [FT100] 1 kW AM with the FT-100D

Last night I fired up the FT-100D / SB-220 combo and ran 1 kW AM.
Got a 20 dB over S9 report down the coast in LA on 7.290 MHz. The
guy said my audio was "great". He was hard pressed to believe he was
listening to an FT-100D on AM. Most of the "Ancient Modulator" group
are running old Vikings, Apachees and other Jurasic era glow-in-the-
dark boat anchors. Kinda fun to run the FT-100D on AM. Definitely
one versatile high performance rig!

N6AF Chas

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We are all a part of this Lets make it as good as possible.

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# 13534. Re: FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 12:29:43 UTC
From: jamesmurtagh
Topic: 13506  Message: 13534

What did they quote you on turn around time? Mine was received by Yaesu on 1/22 and still has not been assigned to a technician. Be prepared for a long wait!

James
K4TJB

# 13535. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 03:07:56 UTC
From: ft100guy
Topic: 13447  Message: 13535

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Anthony, thanks for responding. I am going ahead with the mod on
the fan
> myself. Glad you are having good luck with yours also.
> The mic mod is a bit confusing since mine has the mic element
surounded by
> rubber and then inserted into a plastic cylinder.
> Thanks again.
>
> 73
> Alex N4BYJ
>
You must carefully pry the mic element from the housing, with gentle
coaxing it will come out.. Regards.. Richy N2ZD

# 13536. Re: [FT100] Time to unsubscribe...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 21:49:00 UTC
From: Mike May
Topic: 13531  Message: 13536

Mike,

Just curious what was the failure that they quoted you 608 bucks ?

Mike
WB8VLC/7

n1evh@... wrote:

> Well folks, after 2 years of being on this list... it is time for me
> to
> unsubscribe from it. I will no longer have a WORKING FT-100.
>
> I sent my FT-100 into Yaesu back on Dec 17th. Yaesu received
> it on Dec 26th. Now I didn't hear a thing about my radio until I
> called them on March 22nd. When I called them then, I was told
> that a technician had just got done looking at my radio and I was
> given an estimate of $608 to fix my FT-100.
>
> I thought this was pretty high. So my call was forwarded to some
> tech there that I spoke to about my radio. As I was talking to him
> about my radio and why the estimate to fix it was so much, I
> heard him say "now why does the tech want to replace that". He
> said he would talk to the tech that did the estimate on my radio
> and get back to me on Monday (March 22nd was a Friday).
>
> Well today (alomst 3 weeks later) I heard back from Yaesu
> about my FT-100. The estimate I got today was still $608. I
> told the person on the phone not to fix the radio and to send it
> back to me cause for $830 I can get a brand new FT-100D.
> They asked me is I wanted them to see if they could get the
> cost down. Asked them what can they do in a few minutes
> that some tech couldn't do in 3 weeks.
>
> No matter how many times I told them not to fix the radio and
> to send it back to me... they to send the radio back to me, the
> person kept asking me if they wanted me to see if they could
> get the price down any. Finally I said to the person..."can I ask
> you a question". They said yes. I then asked them "after about
> 10 times... what part of "do not fix the radio and send it back to
> me?" do they not understand?"
>
> Now back in 1991 when I had an FT-727 dual-band HT that went
> back and forth between MA and CA 7 times in 9 months... when
> I sold that radio I said I would never buy another Yaesu radio.
> In the past 4 years... I've bought... either new or used... about 10

> Yaesu radios. Never again will I buy another Yaesu radio.
>
> Mike - N1EVH
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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--
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 13537. Re: [FT100] Yahoo email address?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-09 15:02:46 UTC
From: Dam Sign Shop
Topic: 13501  Message: 13537

>I am getting this
> junk every day and there doesn't seem to be anyway to stop it. I
> respond to each porn e-mail's instructions on how to be removed from
> their mailing list but the mail is returned to me from yahoo.com
> saying that it is undeliverable.

Never respond to the spams instruction to be removed from their lists.. They never do remove you and your responding just verifies thatr they hit a live address so they can sell the address and keep spamming it !

Bob Adams
n8wvl

[Non-text portions of this message have been removed]

# 13538. Re: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-08 20:10:37 UTC
From: alpha
Topic: 13488  Message: 13538

PUT A GARDEN HOSE WASHER OVER THE CONECTOR. IT WILL
ACT AS A WATER SEAL AND ALOW ONE TO TIGHTEN IT WITH
OUT COMMING LOOSE OR USE OF A WRENCH

PETE N6BXZ FT WORTHLESS
--- Pres Waterman <presw@...> wrote:
> > I guess I don't understand your message.
> I use the strap
> > wrench to tighten the antenna in the morning and
> again in the evening
> > to remove it. Why would I need to use electrical
> tape?
>
>
> OK, I'll turn it around... why do you need a wrench>
> I Only hand-tighten it.
> And the electrical tape "joins" the chrome base to
> the black tube, making
> sure the tube does not twist differently then the
> base, reducing the
> internal damage possibility
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
>
>

---
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13539. Re: [FT100] Status on FT-100D warranty.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 21:30:32 UTC
From: k2at
Topic: 13539  Message: 13539

Y don't we all send our rigs to VK land to be repaired? I would pay the xtra shipping to get it back in two weeks to a month.
----- Original Message -----
From: vk2new
To: FT100@yahoogroups.com
Sent: Wednesday, April 10, 2002 5:10 PM
Subject: [FT100] Status on FT-100D warranty.

Hi fellow FT-100 owners.
Here in VK land a new FT-100D goes for $2,890.00 or about $1,400.00 US dollars and the FT-100 still sells for $2,000.00 or $1,000.00 US. But when you work it out that we get 2 years warranty and the average turn around time I have experienced is 2 weeks with no extra money to pay for to and from shipping, I think we have a pretty fair deal. It also might be that we have compared to W and G land alot less Ham population, hence the shorter turnaround time and more $$ for the radio.
VK2NEW Anthony.

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13540. Re: [FT100] Time to unsubscribe...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-10 22:46:18 UTC
From: signup
Topic: 13531  Message: 13540

Well ... The same experience I had ... and the group here has already heard my story. I learned from the experience ... I bought an FT706MkIIG ... I got it on sale and it cost me $ 100 dollars more than what Yaesu wanted to repair the Ft100 ... And the Icom came with a 1 year warranty, not 30-days, and I got a free remote kit ..

I hope you look at the Icom ... It runs circles around the Yaesu ... and I will never buy another New Yaesu product .. Don't think they (Yaesu) has gotten the point yet however.

73,

Lee - K1NT

----- Original Message -----
From: n1evh@...
To: FT100@yahoogroups.com
Sent: April 10, 2002 21:10
Subject: [FT100] Time to unsubscribe...

Well folks, after 2 years of being on this list... it is time for me to unsubscribe from it. I will no longer have a WORKING FT-100.

I sent my FT-100 into Yaesu back on Dec 17th. Yaesu received it on Dec 26th. Now I didn't hear a thing about my radio until I called them on March 22nd. When I called them then, I was told that a technician had just got done looking at my radio and I was given an estimate of $608 to fix my FT-100.

I thought this was pretty high. So my call was forwarded to some tech there that I spoke to about my radio. As I was talking to him about my radio and why the estimate to fix it was so much, I heard him say "now why does the tech want to replace that". He said he would talk to the tech that did the estimate on my radio and get back to me on Monday (March 22nd was a Friday).

Well today (alomst 3 weeks later) I heard back from Yaesu about my FT-100. The estimate I got today was still $608. I told the person on the phone not to fix the radio and to send it back to me cause for $830 I can get a brand new FT-100D. They asked me is I wanted them to see if they could get the cost down. Asked them what can they do in a few minutes that some tech couldn't do in 3 weeks.

No matter how many times I told them not to fix the radio and to send it back to me... they to send the radio back to me, the person kept asking me if they wanted me to see if they could get the price down any. Finally I said to the person..."can I ask you a question". They said yes. I then asked them "after about

10 times... what part of "do not fix the radio and send it back to me?" do they not understand?"

Now back in 1991 when I had an FT-727 dual-band HT that went back and forth between MA and CA 7 times in 9 months... when I sold that radio I said I would never buy another Yaesu radio. In the past 4 years... I've bought... either new or used... about 10 Yaesu radios. Never again will I buy another Yaesu radio.

Mike - N1EVH

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13541. Yaesu repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 01:48:26 UTC
From: wb4tdb@aol.com
Topic: 13541  Message: 13541

With all the comments concerning the turnaround time for Yaesu repair I would like
to share my experience.

My FT-100D SN9K110653 developed a problem on HF receive, it was almost deaf
As it was still under warranty it was shipped back by the dealer.

It arrived on Feb 13, 2002 assigned on Mar 19, 2002 and completed May 20, 2002.

It was shipped and received on Mar 25, 2002.

The repair ticket has the following
Parts replaced
Part number Part location
G2060013 D1008
G2070476 D1007, 20, 21, 22, 23
G1091677 Q1060
G4070009 Q1023, 28, 29
G2070176 D1032, 37
K22124805 C1033, 39
J24185151 R1055

Replaced defective on Main Unit
Cleaned up grounding contact on LPF unit and installed SWR grounding mod.

Total cost $0.00.

It now works great. It was never used mobile only in the shack.

The only problem I have now is while the FT-100D was in California I purchase
d
Kenwood TS-2000 and now I have a hard decision to make do I keep both
or sell the FT-100D?

The turnaround time and cost seem to be very reasonable.
73,
Vollie
W4TDB
GO BIG ORANGE

[Non-text portions of this message have been removed]

# 13542. Re: Yaesu repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 02:42:55 UTC
From: am_fm_radio
Topic: 13541  Message: 13542

--- In FT100@y..., wb4tdb@a... wrote:

> It arrived on Feb 13, 2002 assigned on Mar 19, 2002 and completed
May 20,
> 2002.
.......
> Kenwood TS-2000 and now I have a hard decision to make do I keep both
> or sell the FT-100D?
>
> The turnaround time and cost seem to be very reasonable.
> 73,
> Vollie
> W4TDB
> GO BIG ORANGE

Hey Vollie---

I'd install the FT100D in that time machine you have because your telling us on April 10,2002 that the radio was fixed May 20,2002. Do you recommend traveling back in time so all repairs will always be made during the warranty period. Another good use for that time machine. Saturday's Mass lottery is over $200 million, can you get us the numbers? $200 mill will keep everyone in the group buying FT100's-good for ham radio, good for Yaesu. April Fools???

Regards-

Larry W8LM

# 13543. Re: FT-100 headed for CALI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 02:57:12 UTC
From: am_fm_radio
Topic: 13506  Message: 13543

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > My GMC dealer keeps sending me coupons to bring my new 2002GMC Serria
> > in for a oil change and filter for $14.95...
> > Can I hold him to it??
>
>
> My coupons exclude diesel. A few $14.95 diesel changes, the fine
print will
> appear, if not already there
>
> Thanks
>
> Pres Waterman, W2PW
> c/o 112 Motors, LLC
> Long Island Ford, Kia and Used Dealer
>
> GO BILLS!

Pres ---Glad to see your smarter than these Yankee's up here in New
Cow-hampshire. BTW the dealer is 1 mile from Maine... and...well all
the stories about ugly women in Maine...ARE TRUE!
My college daughter wants a Kia... I got her a 1996 Ford Escort...Me I
drive a 1991 Escort and save the truck for Sunday church, and Hamfest
hauling

73 de Larry W8LM

# 13544. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 05:34:24 UTC
From: backhoefade
Topic: 13447  Message: 13544

Sometimes dinner and a movie will do the trick too........

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> --- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> > Anthony, thanks for responding. I am going ahead with the mod on
> the fan
> > myself. Glad you are having good luck with yours also.
> > The mic mod is a bit confusing since mine has the mic element
> surounded by
> > rubber and then inserted into a plastic cylinder.
> > Thanks again.
> >
> > 73
> > Alex N4BYJ
> >
> You must carefully pry the mic element from the housing, with
gentle
> coaxing it will come out.. Regards.. Richy N2ZD

# 13545. Re: Yaesu repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 05:39:05 UTC
From: backhoefade
Topic: 13541  Message: 13545

My total turn around time was 17 days to get the spurious and fan mods done. But that was in early April 2001 before the spurious stuff hit the fan. Then everybody started lining up.
N6AF Chas

--- In FT100@y..., wb4tdb@a... wrote:
> With all the comments concerning the turnaround time for Yaesu repair I would
> like
> to share my experience.
>
> My FT-100D SN9K110653 developed a problem on HF receive, it was almost deaf
> As it was still under warranty it was shipped back by the dealer.
>
> It arrived on Feb 13, 2002 assigned on Mar 19, 2002 and completed May 20,
> 2002.
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> It was shipped and received on Mar 25, 2002.
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> The repair ticket has the following
> Parts replaced
> Part number Part location
> G2060013 D1008
> G2070476 D1007, 20, 21, 22, 23
> G1091677 Q1060
> G4070009 Q1023, 28, 29
> G2070176 D1032, 37
> K22124805 C1033, 39
> J24185151 R1055
>
> Replaced defective on Main Unit
> Cleaned up grounding contact on LPF unit and installed SWR grounding mod.
>
> Total cost $0.00.
>
> It now works great. It was never used mobile only in the shack.
>
> The only problem I have now is while the FT-100D was in California I purchase
> d
> Kenwood TS-2000 and now I have a hard decision to make do I keep both

> or sell the FT-100D?
>
> The turnaround time and cost seem to be very reasonable.
> 73,
> Vollie
> W4TDB
> GO BIG ORANGE
>
>
> [Non-text portions of this message have been removed]

# 13546. Re: Status on FT-100D warranty work.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 08:28:39 UTC
From: w6zip
Topic: 13515  Message: 13546

--- In FT100@y..., "kirbentech" <kirben1@a...> wrote:
> For others who may be waiting for FT-100D warranty work, I was
> told that the current wait is 5-6 weeks.
>
> My FT-100D arrived at Yeasu on March 6, and was logged in on March
> 11. The radio has not yet been assigned to a technician, but if the
> return is in 5-6 weeks, I should have my radio back within a couple
> of weeks.
>
> If anyone has received their radio from Yaesu within the last
> couple of days, I'd be interested to know how long the radio was
gone.
>
> Kirby
> abØrf

Kirby,
My radio was sent in to Ceritos (only about 50-60 Miles from
Victorville) on Feb. 22, assigned to a Tech on Tuesday, April 9th, and
was being shipped as of yesterday. I was told by a Tech in Feb that
the turnaround was a remarkable 2-3 weeks max. Go figure!! And yes, I
expect my warranty to run past the year of my purchase by the # of
days out of my hot little hands!! Thanks for the bandwidth,
John W6ZIP
Yaesu Ft-100D/ATAS-100

# 13547. RE: [FT100] ATAS-100 and Strap Wrench

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 08:36:00 UTC
From: Eric van de Weyer
Topic: 13488  Message: 13547

I don't know why anyone would want any sort of wrench to tighten the antenna onto it's mount. I just finger tighten mine each time and have found that more than adequate even on long trips. If you tighten it too much you will eventually stuff up the thread.

73....Eric VK2KUR.

-----Original Message-----
From: alpha [mailto:alpha76234@...]
Sent: Tuesday, 9 April 2002 6:11 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] ATAS-100 and Strap Wrench

PUT A GARDEN HOSE WASHER OVER THE CONECTOR. IT WILL
ACT AS A WATER SEAL AND ALOW ONE TO TIGHTEN IT WITH
OUT COMMING LOOSE OR USE OF A WRENCH

PETE N6BXZ FT WORTHLESS
--- Pres Waterman <presw@...> wrote:
> > I guess I don't understand your message.
> I use the strap
> > wrench to tighten the antenna in the morning and
> again in the evening
> > to remove it. Why would I need to use electrical
> tape?
>
>
> OK, I'll turn it around... why do you need a wrench>
> I Only hand-tighten it.
> And the electrical tape "joins" the chrome base to
> the black tube, making
> sure the tube does not twist differently then the
> base, reducing the
> internal damage possibility
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
>
>

---
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[Non-text portions of this message have been removed]

# 13548. Cat Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 16:05:36 UTC
From: snitchrich
Topic: 13548  Message: 13548

Can anyone tell me where can I find instructions to build an interface to control the FT-100D via serial port with the CAT programs? thanks...de Rich W5XV

# 13549. Re: 1 kW AM with the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 16:40:07 UTC
From: backhoefade
Topic: 13500  Message: 13549

If you have a couple hours I'll tell ya all about it!

--- In FT100@y..., "Richard W. Solomon" <w1ksz@t...> wrote:
> I hope you were not too longwinded !!!
>
> 73, Dick, W1KSZ
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Monday, April 08, 2002 6:04 PM
> To: FT100@y...
> Subject: [FT100] 1 kW AM with the FT-100D
>
>
> Last night I fired up the FT-100D / SB-220 combo and ran 1 kW AM.
> Got a 20 dB over S9 report down the coast in LA on 7.290 MHz. The
> guy said my audio was "great". He was hard pressed to believe he
was
> listening to an FT-100D on AM. Most of the "Ancient Modulator"
group
> are running old Vikings, Apachees and other Jurasic era glow-in-the-
> dark boat anchors. Kinda fun to run the FT-100D on AM. Definitely
> one versatile high performance rig!
>
> N6AF Chas
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 13550. ft-100 spy software

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 17:26:50 UTC
From: Federico Batarse
Topic: 13550  Message: 13550

Hi, Russ, this is federico, xe2nlm, and i have a ft-100d, and i also have a tm-v7a kenwood dualbander, and i am trying to do the same you tell us. about to break the interface code with the tm-v7a, even i already now some commands from the radio-pc port.(by the pg-4s)

i think the same could be make to the ft-100d and it will be very interesting and usefull,

count with me to make this proyect, please let me know how to help you.

kind regards to all the group.
federico batarse
xe2nlm
73

Message: 6
Date: Mon, 8 Apr 2002 18:44:56 -0500
From: "Russ Thompson" <russthom@...>
Subject: Front Plate interface

I am a software programmer, so hardware is way out of my league. However,
it seems to me that if we could break the interface code between the front
panel and the main case, we could build a interface to allow a Linux or
windoze based application to imitate the front panel. Once that was done,
the software could do anything the op can do, plus would be useable even for
those of us that at FC20s
Has anyone looked at that possibility?
73, DE KX5G
Russ Thompson

Federico Batarse
XE2NLM :73!

[Non-text portions of this message have been removed]

# 13551. Re: [FT100] Yaesu repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-11 20:58:32 UTC
From: bob/AB9EE
Topic: 13541  Message: 13551

I must have slepet right through april and may 0f 2002??? Last i knew it was still april?
AB9EE

[Non-text portions of this message have been removed]

# 13552. Re: Cat Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 00:54:39 UTC
From: am_fm_radio
Topic: 13548  Message: 13552

--- In FT100@y..., "snitchrich" <w5xv@a...> wrote:
> Can anyone tell me where can I find instructions to build an
> interface to control the FT-100D via serial port with the CAT
> programs? thanks...de Rich W5XV

Rich, There was plenty of info about CAT programming and interfaces when my FT-890AT was new. I recall you inverted the data lines with TTL @5 Volts. Stuff like a 7408, 74LS08 can invert. Then you ran it through the standard RS-232 to TTL convertors like a 1488 and 1489....Now since then there are a couple of "newer" devices that eliminate the need to invert. The 1488-1489 inverted the logic as well as converted the voltage levels. Hence the need for the TTL inverter(7408) Someone was creative enough to put the whole thing in a DB-25 hood...All old fart computer buffs remember DB-25 hoods...for you kids out there the serial port used to be as big as your parallel port on your laptop.. They both were DB-25's at one time long ago in a place far far away. And CPU's ran at HF frequencies.

Someone will give you a better answer but it can be junkboxed for $10 or less.

Larry W8LM

# 13553. Garden Hose Washer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 01:49:12 UTC
From: ftbratton
Topic: 13553  Message: 13553

The washer makes sense to me. What is the opinion of the group. I haven't tried it but is there anybody that sees a negative to it? I have to remove mine to get into the garage and when in certain parts of the territory I cover. It is off and on at least once a day. Maybe the washer would be an advantage??????? Group??????

# 13554. Re: [FT100] Garden Hose Washer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 01:54:26 UTC
From: Pres Waterman
Topic: 13553  Message: 13554

> of the territory I cover. It is off and on at least once a day. Maybe
> the washer would be an advantage??????? Group??????

I use a regular "O" ring and some sort of gel/vaseline type stuff

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13555. Re:Mic Mod Affirmation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 04:02:56 UTC
From: GARY GADWA
Topic: 13555  Message: 13555

Just thought since there is such a continuing thread on the Mic Mod, I'd just ad that I did it to mine quickly and easily and after punching the third hole I opted for just turning the baffle plate so one hole is in the clear (leaving the baffle in). Audio reports from operators I regularly talk with immediately exclaimed, "Your audio is crisp, sharp and clear, like never before" Most also indicated they felt my audio was always a bit muffled before but never commented about it. I ask if any thought it was to sharp and no one thought so.

Alas, a great radio sounds even better.
Thanks to FT100 Group

Gary
W7FSI
Stanley, Idaho

"Without Your Sense Of Humor, You Wouldn't Have Any Sense At All"

# 13556. Re: Garden Hose Washer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 04:24:11 UTC
From: n9cv
Topic: 13553  Message: 13556

If you go to Sears Hardware, or any other place that has sink repair parts, you can find a flat fiber / rubber washer that has a larger outside diameter and is thinner in thickness that a hose washer. The thinner washer allows you to screw the ATAS-100 down closer to the bottom of the mount. The larger outside diameter washer allows you to spread out the sideways pressure between the ATAS-100 and the mount. The washers are available large enough to cover the entire base of the ATAS-100. I glued mine to the mount to keep from accidently loosing it with the antenna removed. I put silicone grease on the top of the washer where it meets the ATAS-100 base to allow for easy removal. Light hand tightening of the ATAS-100 is sufficient. I have never had mine come loose on it's own. Approximate cost of the washer is US$00.25 (that is 25 cents).

Another thought is you might want to try is to mount the ATAS-100 a little lower on the vehicle, so it does not have to be removed so often. Mine is lower and I run my ATAS-100 into the upper garage door frame at least once a day. I have mine mounted so the stinger part of the antenna hits the frame when pulling in. When I get out of the vehicle after parking, I insert the loose stinger end into a plastic cable tie mounted to my roof rack. I have a picture of this and I will send it to you if you are interested.

Ken Burton - N9CV

--- In FT100@y..., "ftbratton" <ftbratton@l...> wrote:
> The washer makes sense to me. What is the opinion of the group. I
> haven't tried it but is there anybody that sees a negative to it? I
> have to remove mine to get into the garage and when in certain
parts
> of the territory I cover. It is off and on at least once a day.
Maybe
> the washer would be an advantage??????? Group??????

# 13557. Has anyone else noticed the poor response time on Yahoo groups?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 05:19:01 UTC
From: n9cv
Topic: 13557  Message: 13557

Ever since Exodus (the web hosting company for Yahoo) went bankrupt, (Their stock is at 2 cents a share), I have been noticing poorer and poorer response times from groups.yahoo.com. Sometimes it is over a minute to paint a single screen. Add to that the advertising screens and graphics that has been added for cameras, credit cards and the like, and at times this group is totally unusable. Yahoo is now hosted by Sprint (Level 3 Communications) and the problem is worse than before.

I have tested this during the day, in the evening, and in the middle of the night. All times seem equally bad at times. I have tested from three different ISPs using Genuity, Sprint, and AT@T on this end. I have also used a dialup modem, a cable modem, and T1 from different vendors to access the Internet on this end. The same problems occur using all of the different combinations of accesses and vendors.

Using VisualRoute I see that the problem is in the Sprint (Level 3 communications) transport and at the yahoo server end itself. The path I am seeing at the moment is 16 hops to yahoo. Two of the Sprint hops are showing 40% and one showing 30% packet loss. Right now it is 12:15 AM CDT which is hardly a busy time.

I am just soliciting comments and raising the future possibility of moving elsewhere is the problem gets any worse. I do not know where else we cound go, but it is a thought if others are as unhappy as I am with the current level of service.

Ken - N9CV

# 13558. Re: Yahoo email address? => Try Mailwasher

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 06:58:46 UTC
From: Jeremy Taylor
Topic: 13558  Message: 13558

John,
If you are plagued by spam, do not reply - as Dick said, this just tells the spammes they have a valid address to spam. The answer is to BOUNCE your mails. This is not easy if you are not a system administrator/server wizard. But there is another - EASY - option.

Mailwasher is a small free program - it has a nag you can have removed for a "tip" of $3USD or more - that you use to check your mail BEFORE you run your mail program.

Most spam can be identified without downloading it by merely looking at it's subject line - and if you aren't sure then you can "preview" it inside of Mailwasher. For anything you identify as spam you (1) tick a checkbox to "bounce" which sends a bounce to the spammer so they thing the email address is invalid, (2) tick a checkbox to "delete" the mail so you don't download the message when you do start your email program later on, and (3) tick a checkbox to "blacklist" the address it came from so anything that comes from there again will be automatically ticked for bouncing and deleting. (If you click "blacklist", "bounce" and "delete" auto-tick, so you really only need to tick one box!

The software also takes guesses at the contents of the mail and will tag it as "Normal" or "Possible Spam" or "Chain Letter" etc. Sometimes it gets it wrong - eg yahoo group-digest mails it sometimes thinks might be chain letters (lots of email addresses in the body). No worry here - the tag is just a warning for you to check it out. It doesn't delete these. In fact, the software also has a checkbox to say the email is from a "Friend" and this goes on a whitelist - everything from that address in the future will be marked as a friend, so that you only have to worry about checking the emails from people that are not already marked as "friends". Once you tick a email from a friend - or a yahoo group digest - as being friendly, they won't be marked as possible spam or chain letters ever again.

You can sort on the tag, so that all the "friends" are grouped together, and all the "normals" and the ones with warnings - so it is easy to go through only the non-friends and tick the appropriate boxes to either blacklist or whitelist.

This whole thing takes a only a few minutes - mostly to download the headers if you have a lot of mail - and only half a minute for you to go through and tick the boxes. Then you click a button to "Process Mail". It does the bouncing, deleting, and black/white listing. Then it opens your default email package.

You download your email as normal and presto! no spam downloaded, and you haven't even had to look at it (unless you had to use preview to check the contents - which only displays text,not pictures, and html shows up as html code and if I see that I just delete it - no one except spammers sends html email to me! They're the only idiots to use it for email.)

And the best part is, after a while, the dozen or so worst spammers in the world (did you know it is mostly done by only a small handful of people?) decide your email address is bad and they take you off their lists, and they stop putting your email address on the CD's of email addresses that they sell. They don't want to be buggged by their mail boxes filling up with bounces. Well boohoo - I don't want my mailbox filling up with spam!

In the 3 months I have been using Mailwasher I have dropped from about 10% spam to about 2% spam... each time I dial up these days I might have 3 or 4 at most, and sometimes none or 1 if I am checking more regularly than I usually do.

Mailwasher is available from http://www.mailwasher.net

I am only a happy user - not associated with this person, except that he is a fellow New Zealander!

Regards
Jeremy Taylor
ZL3UQT

# 13559. Re: Yahoo email address? => Try Mailwasher

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 07:03:56 UTC
From: Jeremy Taylor
Topic: 13558  Message: 13559

> John,
> [snip rave review]
> Mailwasher is available from http://www.mailwasher.net

And then I read on and find that everyone has already discovered
Mailwasher... ;-)

73
JT
ZL3UQT

# 13560. Re: [FT100] Has anyone else noticed the poor response time on Yahoo groups?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 11:44:42 UTC
From: E F Todd Benson
Topic: 13557  Message: 13560

After reading your comments on YAHOO, I was more wondering whether you were short the stock?

Keep attention to the more important matters, like making some Q's - relax!

and by the way . . .didn't this message, (in whole with no lost packets,) make the rounds?

Good Hunting with your FT-100, and 73,

Todd, W9YK
Elmhurst, Illinois

At 05:19 AM 4/12/2002 +0000, you wrote:
>Ever since Exodus (the web hosting company for Yahoo) went bankrupt,
>(Their stock is at 2 cents a share), I have been noticing poorer and
>poorer response times from groups.yahoo.com. Sometimes it is over a
>minute to paint a single screen. Add to that the advertising screens
>and graphics that has been added for cameras, credit cards and the
>like, and at times this group is totally unusable. Yahoo is now
>hosted by Sprint (Level 3 Communications) and the problem is worse
>than before.
>
>I have tested this during the day, in the evening, and in the middle
>of the night. All times seem equally bad at times. I have tested
>from three different ISPs using Genuity, Sprint, and AT@T on this
>end. I have also used a dialup modem, a cable modem, and T1 from
>different vendors to access the Internet on this end. The same
>problems occur using all of the different combinations of accesses
>and vendors.
>
>Using VisualRoute I see that the problem is in the Sprint (Level 3
>communications) transport and at the yahoo server end itself. The
>path I am seeing at the moment is 16 hops to yahoo. Two of the
>Sprint hops are showing 40% and one showing 30% packet loss. Right
>now it is 12:15 AM CDT which is hardly a busy time.
>
>I am just soliciting comments and raising the future possibility of
>moving elsewhere is the problem gets any worse. I do not know where
>else we cound go, but it is a thought if others are as unhappy as I
>am with the current level of service.
>
>Ken - N9CV
>
>

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><http://rd.yahoo.com/M=194081.1994012.3473453.1261774/D=egroupweb/S=1705063108:HM/A=10369
72/R=0/*http://www.ediets.com/start.cfm?code=3466>2a07d00.jpg
>2a07da0.jpg
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on
>WWW:
><http://www.k0lee.com/ft100faq.html>http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 13561. Re: [FT100] Re: Garden Hose Washer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 13:53:12 UTC
From: Dick Thompson
Topic: 13553  Message: 13561

Ken,

I'd be interested in seeing the photo.

Please send it direct to wb0dul@....

Thanks.

73,

Dick
WB0DUL@...
----- Original Message -----
From: n9cv
To: FT100@yahoogroups.com
Sent: Thursday, April 11, 2002 10:24 PM
Subject: [FT100] Re: Garden Hose Washer

If you go to Sears Hardware, or any other place that has sink repair parts, you can find a flat fiber / rubber washer that has a larger outside diameter and is thinner in thickness that a hose washer. The thinner washer allows you to screw the ATAS-100 down closer to the bottom of the mount. The larger outside diameter washer allows you to spread out the sideways pressure between the ATAS-100 and the mount. The washers are available large enough to cover the entire base of the ATAS-100. I glued mine to the mount to keep from accidently loosing it with the antenna removed. I put silicone grease on the top of the washer where it meets the ATAS-100 base to allow for easy removal. Light hand tightening of the ATAS-100 is sufficient. I have never had mine come loose on it's own. Approximate cost of the washer is US$00.25 (that is 25 cents).

Another thought is you might want to try is to mount the ATAS-100 a little lower on the vehicle, so it does not have to be removed so often. Mine is lower and I run my ATAS-100 into the upper garage door frame at least once a day. I have mine mounted so the stinger part of the antenna hits the frame when pulling in. When I get out of the vehicle after parking, I insert the loose stinger end into a plastic cable tie mounted to my roof rack. I have a picture of this and I will send it to you if you are interested.

Ken Burton - N9CV

--- In FT100@y..., "ftbratton" <ftbratton@l...> wrote:
> The washer makes sense to me. What is the opinion of the group. I
> haven't tried it but is there anybody that sees a negative to it? I
> have to remove mine to get into the garage and when in certain

parts
> of the territory I cover. It is off and on at least once a day.
Maybe
> the washer would be an advantage??????? Group??????

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 13562. Re: [FT100] Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 16:50:36 UTC
From: Alex Turner
Topic: 13447  Message: 13562

Richy, thanks for replying. Someone else also responded also and all is well. Put in the fan mod and that works great to. Thanks again for taking the time to respond

Alex N4BY.
----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Tuesday, April 09, 2002 11:07 PM
Subject: [FT100] Re: FT100D Mods

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Anthony, thanks for responding. I am going ahead with the mod on the fan

[Non-text portions of this message have been removed]

# 13563. Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 18:39:26 UTC
From: Tabby Francisco
Topic: 13515  Message: 13563

I just got my new FT-100D (sn:1N290108) last Tuesday.
I noticed that the lower left knob wiggles and the
rachet action when I turn it is not as tight.
Is this normal?

I pulled out the plastic knob and it's not that the
knob nor pontentiometer that's loose from the
faceplate but the inner shaft.

--- w6zip <w6zip@...> wrote:
> --- In FT100@y..., "kirbentech" <kirben1@a...>
> wrote:
> > For others who may be waiting for FT-100D warranty
> work, I was
> > told that the current wait is 5-6 weeks.
> >
> > My FT-100D arrived at Yeasu on March 6, and was
> logged in on March
> > 11. The radio has not yet been assigned to a
> technician, but if the
> > return is in 5-6 weeks, I should have my radio
> back within a couple
> > of weeks.
> >
> > If anyone has received their radio from Yaesu
> within the last
> > couple of days, I'd be interested to know how long
> the radio was
> gone.
> >
> > Kirby
> > ab?rf
>
> Kirby,
> My radio was sent in to Ceritos (only about 50-60
> Miles from
> Victorville) on Feb. 22, assigned to a Tech on
> Tuesday, April 9th, and
> was being shipped as of yesterday. I was told by a
> Tech in Feb that
> the turnaround was a remarkable 2-3 weeks max. Go
> figure!! And yes, I
> expect my warranty to run past the year of my
> purchase by the # of
> days out of my hot little hands!! Thanks for the

> bandwidth,
> John W6ZIP
> Yaesu Ft-100D/ATAS-100
>
>

_____
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13564. Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 20:21:12 UTC
From: ki5mp
Topic: 13515  Message: 13564

No, sorry, that is not normal. The SELECT knob on my radio has no side-to-side movement and there is a nice, smooth, detented click when turned. Sounds like you have a "bad" one.

73,
Mike KI5MP

--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> I just got my new FT-100D (sn:1N290108) last Tuesday.
> I noticed that the lower left knob wiggles and the
> rachet action when I turn it is not as tight.
> Is this normal?
>
> I pulled out the plastic knob and it's not that the
> knob nor pontentiometer that's loose from the
> faceplate but the inner shaft.

# 13565. Re: Garden Hose Washer

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 00:02:02 UTC
From: jondickason
Topic: 13553  Message: 13565

Ken, please post the pic here so we can all see it.

73, N2JAC

--- In FT100@y..., "n9cv" <kgb@i...> wrote:
> part of the antenna hits the frame when pulling in. When I get
out
> of the vehicle after parking, I insert the loose stinger end into a
> plastic cable tie mounted to my roof rack. I have a picture of
this
> and I will send it to you if you are interested.
>
> Ken Burton - N9CV
>

# 13566. Re: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 00:17:17 UTC
From: Tabby Francisco
Topic: 13515  Message: 13566

Just went to HRO in Burbank this afternoon and checked
out the FT-100D display. The knob is as loose as my
new one.
So either I'm just paranoid or that radio has the same
defect. hihi .... ..

kc2ekv/6

--- ki5mp <ki5mp@...> wrote:
> No, sorry, that is not normal. The SELECT knob on
> my radio has no
> side-to-side movement and there is a nice, smooth,
> detented click
> when turned. Sounds like you have a "bad" one.
>
> 73,
> Mike KI5MP
>
> --- In FT100@y..., Tabby Francisco <kc2ekv@y...>
> wrote:
> > I just got my new FT-100D (sn:1N290108) last
> Tuesday.
> > I noticed that the lower left knob wiggles and the
> > rachet action when I turn it is not as tight.
> > Is this normal?
> >
> > I pulled out the plastic knob and it's not that
> the
> > knob nor pontentiometer that's loose from the
> > faceplate but the inner shaft.
>
>
>

---------------------------------------------------
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13567. Re: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 01:16:43 UTC
From: W6MDK@AOL.COM
Topic: 13515  Message: 13567

I just checked mine (2 months old) and I, too, find the shaft to be a bit loose. THe detents work fine, but there IS a little wiggle in the shaft. Seems to be normal.

# 13568. Re: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 01:21:19 UTC
From: Dick Thompson
Topic: 13515  Message: 13568

Mine has an "ever so slight" wiggle in the shaft but the detent is OK. It may be normal. That know gets alot of use.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Friday, April 12, 2002 7:16 PM
Subject: Re: [FT100] Re: Vertex/Yaesu Quality control.

I just checked mine (2 months old) and I, too, find the shaft to be a bit loose. THe detents work fine, but there IS a little wiggle in the shaft. Seems to be normal.

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 13569. Re: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 02:24:19 UTC
From: cherokeeguy777@aol.com
Topic: 13515  Message: 13569

Yeah, mine is a wee bit 'loose' as well. I've had mine for just about a year now. It never even dawned on me that this was wrong. Tnx yahoo ft 100d group members!

73
KC8LQV

# 13570. S-Meter on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 03:48:02 UTC
From: kb9yul
Topic: 13570  Message: 13570

Is it posible to turn S-Meter ON on 2m and 70cm.
Thanks

# 13571. Re: Has anyone else noticed the poor response time on Yahoo groups?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 16:56:01 UTC
From: w1pa
Topic: 13557  Message: 13571

> I am just soliciting comments and raising the future possibility of
> moving elsewhere is the problem gets any worse. I do not know
where
> else we cound go, but it is a thought if others are as unhappy as I
> am with the current level of service.
>
> Ken - N9CV

I read from work (on coffee breaks and lunch, of course), and from sitting on a T1 line on the east coast, I only see a 3-7 sec lag from click to paint, even with the ads. At worst, I see 10-15 seconds, or it doesn't work at all.

Bill
W1PA

# 13572. RE: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 09:08:47 UTC
From: Eric van de Weyer
Topic: 13515  Message: 13572

Don't forget that that knob is also a pushbutton!

73....Eric VK2KUR
-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Saturday, 13 April 2002 11:21 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Vertex/Yaesu Quality control.

Mine has an "ever so slight" wiggle in the shaft but the detent is OK. It
may be normal. That know gets alot of use.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Friday, April 12, 2002 7:16 PM
Subject: Re: [FT100] Re: Vertex/Yaesu Quality control.

I just checked mine (2 months old) and I, too, find the shaft to be a
bit
loose. THe detents work fine, but there IS a little wiggle in the
shaft.
Seems to be normal.

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Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 13573. Re: [FT100] Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 11:45:00 UTC
From: W6MDK@AOL.COM
Topic: 13515  Message: 13573

That's the point that hit me a few hours ago. It is not a simple pot. THere is nothing wrong with a little play. The thing is not supposed to be mil spec.

# 13574. follow up: Yaesu repair time

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 01:32:42 UTC
From: wb4tdb@aol.com
Topic: 13574  Message: 13574

>It arrived on Feb 13, 2002 assigned on Mar 19, 2002 and completed May 20,
2002.

>It was shipped and received on Mar 25, 2002.

Never type anything Email when you are still asleep. It should read:

t arrived on Feb 13, 2002 assigned on Mar 19, 2002 and completed Mar 20,
2002. It was shipped and received on Mar 25, 2002.

No one slept through our big day of 4/15/2002!
73
Vollie
W4TDB

[Non-text portions of this message have been removed]

# 13575. Newly purchased FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 13:58:06 UTC
From: Ed_Meyer
Topic: 13575  Message: 13575

I just received my new FT-100D from AES. The serial number reflects
a July 2001 manufacture date and the box has a blue dot. Anyone know
what the blue dots signifies? (SWR mod?)
Anyone have any sage advice on what to expect when I power it up?
Thanks,
-Ed- WG5F

# 13576. New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 17:37:22 UTC
From: Ed_Meyer
Topic: 13136  Message: 13576

I just received my new FT-100D from AES. It's S/N shows a July 2001
manufacture date and the box has a blue dot. Anyone know what the
blue dot means? Any other suggestions before I power this puppy up
for the first time?
Thanks,
-Ed- WG5F

# 13577. Re:Mic Mod Affirmation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 20:19:06 UTC
From: ft100guy
Topic: 13555  Message: 13577

When I first came up with it, I did the same thing... In or out its the same thing it seems. Simply orient the disc so that the flat end exposes the holes to the element. Chas removed his totally and experienced the same result so removing it totally was incorporated into the mod. "Six of One, half dozen of the other" as they say... Regards.. Richy

--- In FT100@y..., "GARY GADWA" <ggadwa@r...> wrote:
> Just thought since there is such a continuing thread on the Mic Mod, I'd
> just ad that I did it to mine quickly and easily and after punching the
> third hole I opted for just turning the baffle plate so one hole is in the
> clear (leaving the baffle in). Audio reports from operators I regularly talk
> with immediately exclaimed, "Your audio is crisp, sharp and clear, like
> never before" Most also indicated they felt my audio was always a bit
> muffled before but never commented about it. I ask if any thought it was to
> sharp and no one thought so.
>
> Alas, a great radio sounds even better.
> Thanks to FT100 Group
>
> Gary
> W7FSI
> Stanley, Idaho

# 13578. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 20:21:41 UTC
From: ft100guy
Topic: 13447  Message: 13578

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Richy, thanks for replying. Someone else also responded also and
all is
> well. Put in the fan mod and that works great to. Thanks again for
taking
> the time to respond
>
> Alex N4BY.

I believe credit for the fan mod goes to Bjorn, now do the mic mod
and be truly amazed.. Regards..Richy N2ZD

# 13579. Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-12 20:25:21 UTC
From: ft100guy
Topic: 13515  Message: 13579

--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> I just got my new FT-100D (sn:1N290108) last Tuesday.
> I noticed that the lower left knob wiggles and the
> rachet action when I turn it is not as tight.
> Is this normal?
>
> I pulled out the plastic knob and it's not that the
> knob nor pontentiometer that's loose from the
> faceplate but the inner shaft.

Hi Tabby,

Yes the switch is cheesy.. It will also false (jump freq sometimes) after some usage.. The replacement from Yaesu parts seems to be better than the original and you can install it easily but I would not send it in to fix it nor would I do it under warranty. I would live with it if you can until it really tees you off :-) ...
Regards.. Richy N2ZD

# 13580. Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 00:35:04 UTC
From: Ed_Meyer
Topic: 13515  Message: 13580

Looks like HRO has fresher stock than AES. I just got my new FT-100D
yesterday from AES (Milwaukee).... It has a July 2001 manuf date
serial number... Also has a blue dot on the box. Anyone know what
the blue dot means? (I don't think the knob wiggles....)
-Ed WG5F-

--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> Just went to HRO in Burbank this afternoon and checked
> out the FT-100D display. The knob is as loose as my
> new one.
> So either I'm just paranoid or that radio has the same
> defect. hihi .... ..
>
> kc2ekv/6
>
> --- ki5mp <ki5mp@b...> wrote:
> > No, sorry, that is not normal. The SELECT knob on
> > my radio has no
> > side-to-side movement and there is a nice, smooth,
> > detented click
> > when turned. Sounds like you have a "bad" one.
> >
> > 73,
> > Mike KI5MP
> >
> > --- In FT100@y..., Tabby Francisco <kc2ekv@y...>
> > wrote:
> > > I just got my new FT-100D (sn:1N290108) last
> > Tuesday.
> > > I noticed that the lower left knob wiggles and the
> > > rachet action when I turn it is not as tight.
> > > Is this normal?
> > >
> > > I pulled out the plastic knob and it's not that
> > the
> > > knob nor pontentiometer that's loose from the
> > > faceplate but the inner shaft.
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Tax Center - online filing with TurboTax

> http://taxes.yahoo.com/

# 13581. Re: Vertex/Yaesu Quality control.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 00:35:21 UTC
From: Ed_Meyer
Topic: 13515  Message: 13581

```
--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> Just went to HRO in Burbank this afternoon and checked
> out the FT-100D display. The knob is as loose as my
> new one.
> So either I'm just paranoid or that radio has the same
> defect. hihi .... ..
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>
> --- ki5mp <ki5mp@b...> wrote:
> > No, sorry, that is not normal. The SELECT knob on
> > my radio has no
> > side-to-side movement and there is a nice, smooth,
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> >
> > 73,
> > Mike KI5MP
> >
> > --- In FT100@y..., Tabby Francisco <kc2ekv@y...>
> > wrote:
> > > I just got my new FT-100D (sn:1N290108) last
> > Tuesday.
> > > I noticed that the lower left knob wiggles and the
> > > rachet action when I turn it is not as tight.
> > > Is this normal?
> > >
> > > I pulled out the plastic knob and it's not that
> > the
> > > knob nor pontentiometer that's loose from the
> > > faceplate but the inner shaft.
> >
> >
> >
>
>
> _________________________________________________
> Do You Yahoo!?
> Yahoo! Tax Center - online filing with TurboTax
> http://taxes.yahoo.com/
```

# 13582. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 15:39:38 UTC
From: Dick Thompson
Topic: 13136  Message: 13582

Interesting. From what you say, you're serial number starts with 1I. Mine starts with 1L, indicating an October 2001 manufacture date, but I don't see any big blue dot on the box anyplace. Nor is there a blue dot on the label on the bottom of the radio. Hmmmmmm.....

73,

Dick
WB0DUL@...

----- Original Message -----
From: Ed_Meyer
To: FT100@yahoogroups.com
Sent: Friday, April 12, 2002 11:37 AM
Subject: [FT100] New FT-100D

I just received my new FT-100D from AES. It's S/N shows a July 2001
manufacture date and the box has a blue dot. Anyone know what the
blue dot means? Any other suggestions before I power this puppy up
for the first time?
Thanks,
-Ed- WG5F

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 13583. Re: [FT100] New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 15:40:55 UTC
From: Dick Thompson
Topic: 13136  Message: 13583

Oh, before you power it up, be sure to plug in the power connector. ROFL!!! Have fun with it. That one was just too easy. :)

73,

Dick
WB0DUL@...

----- Original Message -----
From: Ed_Meyer
To: FT100@yahoogroups.com
Sent: Friday, April 12, 2002 11:37 AM
Subject: [FT100] New FT-100D

I just received my new FT-100D from AES. It's S/N shows a July 2001
manufacture date and the box has a blue dot. Anyone know what the
blue dot means? Any other suggestions before I power this puppy up
for the first time?
Thanks,
-Ed- WG5F

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[Non-text portions of this message have been removed]

# 13584. Re: [FT100] Newly purchased FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 17:08:58 UTC
From: W6MDK@AOL.COM
Topic: 13575  Message: 13584

Yes. I've you've done everything according to Hoyle, you'll be able to speak to people!!

This is a great rig. Nothing is perfect, but don't let the naysayers get to you.

# 13585. Re: [FT100] Newly purchased FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 18:27:58 UTC
From: W6MDK@AOL.COM
Topic: 13575  Message: 13585

Obviously I meant "IF" you've done everything according to Hoyle. Duh.

# 13586. FT-100D For Sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 21:46:32 UTC
From: jim7j7
Topic: 9344  Message: 13586

-FT-100D Transciever
-XF-117CN 300HZ CW Filter (installed)
-YSK-100 Separation Kit

Excellent Condition

$700 OBO above.

Buyer to pay actual shipping and insurance.

I can send you pics if interested.

Jim

# 13587. Re: [FT100] FT-100D For Sale

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 22:22:22 UTC
From: bob/AB9EE
Topic: 9344  Message: 13587

I am about to buy the separation kit for mine so if you want to sell it sepratly i am game.
AB9EE

[Non-text portions of this message have been removed]

# 13588. RE: [FT100] Re: Vertex/Yaesu Quality control. blue dot on the box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-13 22:47:14 UTC
From: Blaine
Topic: 13515  Message: 13588

Hi Ed,

Having seen some other recent emails, let's speculate on the blue dot.

I suggest that a blue dot on the box (not having seen one yet) means the mods were done after manufacturer (but before sale) Maybe that is why California is now all of a sudden so much busier. Any high or higher serial numbers without the blue dot is a radio had the mods done at manufacture time. Or the QA dept forgot the dot. Other manufactures (all types of equipment) have done such marking techniques to identify included changes and ECO level.

Would it not be nice to be able to buy a radio that was labelled SN123456/K, for example, so you would know that changes A though K were done and that you could find out what changes A through K were. Large manufactures don't try to hide the version information. It may be hard sometimes to find what the changes actually were, the auto industry is a good example, but you can usually find out with enough effort.

Blaine, VE7CQX
-----Original Message-----
From: Ed_Meyer [mailto:yahoomail@...]
Sent: Friday, April 12, 2002 5:35 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Vertex/Yaesu Quality control.

Looks like HRO has fresher stock than AES. I just got my new FT-100D yesterday from AES (Milwaukee).... It has a July 2001 manuf date serial number... Also has a blue dot on the box. Anyone know what the blue dot means? (I don't think the knob wiggles....)
-Ed WG5F-

--- In FT100@y..., Tabby Francisco <kc2ekv@y...> wrote:
> Just went to HRO in Burbank this afternoon and checked
> out the FT-100D display. The knob is as loose as my
> new one.
> So either I'm just paranoid or that radio has the same
> defect. hihi .... ..
>
> kc2ekv/6
>
> --- ki5mp <ki5mp@b...> wrote:
> > No, sorry, that is not normal. The SELECT knob on
> > my radio has no
> > side-to-side movement and there is a nice, smooth,
> > detented click

> > when turned. Sounds like you have a "bad" one.
> >
> > 73,
> > Mike KI5MP
> >
> > --- In FT100@y..., Tabby Francisco <kc2ekv@y...>
> > wrote:
> > > I just got my new FT-100D (sn:1N290108) last
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>
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[Non-text portions of this message have been removed]

# 13589. Re: [FT100] Re: Vertex/Yaesu Quality control. blue dot on the box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 03:39:16 UTC
From: ke6wym@aol.com
Topic: 13515  Message: 13589

In a message dated 4/13/02 3:49:18 PM Pacific Daylight Time, VE7CQX@...
writes:

> Having seen some other recent emails, let's speculate on the blue dot...
>
>

While excavating in the archives a message was uncovered about dots...

>From: "Tim Ellam" <tellam@m...>
>Date: Mon May 29, 2000 7:35 am
>Subject: [FT100] Dots
>
>I understood the dots had no reference to "mods", but were simply for stock
>control??

>Tim VE6SH

Seems like Dots have been used for some time now, It's nothing new.

David ---> ke6wym

[Non-text portions of this message have been removed]

# 13590. I just KNEW it would be something like this!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 05:22:15 UTC
From: frankweiss@aol.com
Topic: 13590  Message: 13590

All Boxers come with a Condom Pocket and a Button Fly...

$24.95Size:

[Non-text portions of this message have been removed]

# 13591. Re: [FT100] I just KNEW it would be something like this!!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 05:25:51 UTC
From: frankweiss@aol.com
Topic: 13590  Message: 13591

Unfortunately, Yahoo cut off the pretty pic of blue dot boxer shorts !!!

[Non-text portions of this message have been removed]

# 13592. warranty upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 15:35:23 UTC
From: Bodo
Topic: 13592  Message: 13592

Sent my 100D to Radioworld during it's last month of warranty (march 02). S/N 0k070600 for poor ssb quality, hot on vhf, and to have the AM filter installed . Rig back home in four weeks, performance is absolutley outstanding in the audio dept. Am getting comments on the audio quality from stations who know me and from first time contacts without my asking about it!!! The invoice states that theydid TSN 0201,tested radio to specs. Parts installed n/c were two N7090039 and one R0132940 clip n/c. The only other thing was the 6khz AM filter which I paid for but they installed without a labor charge. Have read about others with long waits in the USA but I can say that I am very well pleased with the service I have received North of the 49th! By the way I noticed that the third hole over the mic element has been opened up.73 Bo

va7bo@...

# 13593. Re: New or Stubborn owner?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 17:12:38 UTC
From: ad6dw
Topic: 12662  Message: 13593

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> A few word of advice to those who are new or those who refuse to
> believe the truth.
>
> This rig must have the swr mod and fan mod performed BEFORE you
> have trouble. Dont make calls to Yaesu as it has been established
> here that they are less than "forthright" on the topic. The first
> thing you must do is make sure your rig contains the swr mod, open
> the top cover and look for it (hint: match your rig to the one
shown
> in the FT100 archives).
>
> Mod the fan ground with the resistor, you can post here all you
> want and say that "mine is fine" etc. To those who know, you are
> simply being foolish and needless to say inserting your foot in
your
> pie hole. Too many people have been blowing finals and suffering
with
> Hi SWR falsing to stop now and listen to your opinion.
>
> Listen to whats been established here, we all want these rigs
to
> sound nice and work as expected. Forget what you think and do what
> the radio requires to be right. In many cases Yaesu will perform
> these mods or some variation of the above to these rigs when under
> warranty or in some cases even after..
>
> Many of us here have spent a few nights with mucho cups of
coffee
> trying to iron out the bugs. Wanna set your new rig up right then
> make sure you install this thing right.
>
> Firstly, begin by going thru the archives here to see whats
what.
> Alot can be learned and pitfalls avoided if you read and download
> some of the stuff there. Also check out Lee's site to gain
> understanding about the care and feeding of FT100's. Check below
for
> some basic practices when installing this radio, below are mobile
> examples, just follow these quidelines for starters and use it for
> base installations also.
>
> 1. Fan Mod (Yaesu will perform this using a thermal switch, I like
> the resistor better.)
> 2. SWR mod (Yaesu will do this as well.) Expect and 8 week delay

> though... :-(
> 3. Two grounds from the sides of the radio to the vehicle chassis
or
> metal body, floor etc..
> 4. One ground near the base of the antenna and mount
> 5. Set your menus as posted here as these will offer up the best
> settings for starters.
> 6. A few loops of coax will also tame swr variances so this is a
good
> idea too.
> 7. In the mobile, get a good external speaker (many like the
> clearspeech dsp for use with the FT100.)
> 8. Do the Mic mod, getting complaints that the audio is muffled?
Then
> poke out the third hole and remove the baffle. No ill effects in
the
> mobile have been noted regarding noise so >>> get crackin.
> 9. Run your leads direct to the battery and make sure you swap out
> the crappy Yaesu fuse holders for some good ones.
> 10. Make sure you run this rig with no less than 12.5 volts as it
is
> known that the rig is unhappy below that point. Run the vehicle if
> need be.
> 11. ATAS owners, use a good dual band antenna for UHF and VHF and
> avoid duplexors to use the ATAS for those bands. Its good in a
pinch
> but the ATAS stinks on those bands and is much better suited for
HF
> operation and its alright on 6m.
>
> It sounds like alot to do but its imperative in any installation
to
> have good grounding and an impeccable setup for things to work
right.
> If you feel this is too much to do then mobile operating may not
be
> for you. Modding and tinkering is what this is all about. This rig
> requires some attention to detail when installing but its well
worth
> your time and effort.
>
> Yes there are duds out there and there are radios which refuse
to
> work as expected. Most are pretty good with a few of the mods done
to
> them. Most work swell "outta da box" but expect swr problems as
the
> sticky copper tape takes a dump. In addition prolonged use of the
UHF
> and VHF bands without the fan mod will cause problems in a few

areas
> (HF and UHF/VHF RX degradation and overheated voltage regulator
for
> starters,) it may work swell now but smoke is in your future.
>
> Good Luck with your rigs.. Regards.. Richy N2ZD

Very good post but, where do I find these mods at ??? Im a blond hi
hi

# 13594. QRP DX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 17:56:00 UTC
From: backhoefade
Topic: 13594  Message: 13594

Fired up the FT-100D and throttled it back to a whopping 5 Watts output. 40 meter CW, 4 AM PDT. Got a 589 out of JA land using a G5RV up about 35 feet. A 589 on 40 meters into Japan ain't bad!
N6AF Chas

# 13595. New Member, New FT-100D User

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 18:10:19 UTC
From: w3klf
Topic: 13595  Message: 13595

I bought my FT-100D about a year ago. I bought because of the ATAS-100 antenna. I needed an antenna that required no holes and had to be wife approved. I have the ATAS-100 mounted about chin high on the back of an Olds Van. The radio is mounted inside an after market center console. The control head, mike holder and MFJ speaker are mounted on a modified cell phone holder. The provides easy operation (without looking) of all controls, with arm resting on arm rest.

I get super reports from the DX I work. Many can't beleve this is a mobile rig.

Only problem. Original installation was with seperate antennas. Then I added a duplexer (Comet) and after that I had tuning problems with the ATAS-100. I called vendor (HRO) and tried all the grounding tricks, etc. I finally took out duplexer and all problems with tuning went away. Either I have a bad duplexer or some sort of weird problem. However, I can count the number of times use 2 meters in a month on one hand. So, no big deal.

73 DE Ken, W3KLF

# 13596. Re: FT100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 18:14:05 UTC
From: ad6dw
Topic: 13447  Message: 13596

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> I decided to open my rig up this morning and get the mod situation
resolved.
> S/N 1L280356
>
> The fan mod has not been done.
>
> In comparing the pictures from the different internet sources to
my rig
> there is a very big difference. First off there is no foil tape.
There is a
> healthy copper strap running from the coax at J5014 to the coax at
J1003 and
> on the way across the frame divider it is clipped,not screwed to
the frame.
> Does it sound as if the mod for the SWR has been installed?
>
> I am going to do the fan mod and the mic mod before closing it up.
If anyone
> would like for me to supply pictures I can. I appologize if this
is old news
> to some of you.
> BTW, I was able to load up on 6 into a dummy.
>
> 73
> Alex N4BYJ
>
>
> [Non-text portions of this message have been removed]

HI Alex
If you will, can you send me some pictures on how to preform those
Mods. I have never been in mine yet and dought if any of these mods
have been done. Thank 73 Jim

# 13597. Re: [FT100] Re: Vertex/Yaesu Quality control. blue dot on the box

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 19:15:49 UTC
From: w2odc
Topic: 13515  Message: 13597

```
----- Original Message -----
From: "Blaine" <VE7CQX@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, April 13, 2002 6:47 PM
Subject: RE: [FT100] Re: Vertex/Yaesu Quality control. blue dot on the box

> Hi Ed,
>
> Having seen some other recent emails, let's speculate on the blue dot.
>
> I suggest that a blue dot on the box (not having seen one yet) means
the
> mods were done after manufacturer (but before sale) Maybe that is why
>
> etc etc
=======================================
Blaine, et al,

The use of color plastic "dots" for indication of mods has been used by
Yaesu for some time. A few years ago when I bought my FT-100 from Lentini,
Newington, CT they sent it back for addition of a couple options...including
the narrow CW filter (which works great), and they gave the instruction "to
include all mods". It came back with a green plastic "dot" on the box which
Lentini told me indicated the mods that had been included at that time.

By the way, I have never had the VSWR gremlin nor the "hot plate" demon.
73
Howard....w2odc
=========================================
```

# 13598. Re: [FT100] New Member, New FT-100D User

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 20:08:51 UTC
From: The Simpsons
Topic: 13595  Message: 13598

My guess is the duplexer is not DC isolated to the vhf path, or is not passing the DC through the HF path properly. This will upset the voltage to the ATAS so affect tuning maybe. Check the resistance.

Grant, ZL2BK.

----- Original Message -----
From: "w3klf" <w3klf@...>
To: <FT100@yahoogroups.com>
Sent: Monday, April 15, 2002 6:10 AM
Subject: [FT100] New Member, New FT-100D User

> I bought my FT-100D about a year ago. I bought because of the ATAS-
> 100 antenna. I needed an antenna that required no holes and had to
> be wife approved. I have the ATAS-100 mounted about chin high on the
> back of an Olds Van. The radio is mounted inside an after market
> center console. The control head, mike holder and MFJ speaker are
> mounted on a modified cell phone holder. The provides easy operation
> (without looking) of all controls, with arm resting on arm rest.
>
> I get super reports from the DX I work. Many can't beleve this is a
> mobile rig.
>
> Only problem. Original installation was with seperate antennas. Then
> I added a duplexer (Comet) and after that I had tuning problems with
> the ATAS-100. I called vendor (HRO) and tried all the grounding
> tricks, etc. I finally took out duplexer and all problems with
> tuning went away. Either I have a bad duplexer or some sort of weird
> problem. However, I can count the number of times use 2 meters in a
> month on one hand. So, no big deal.
>
> 73 DE Ken, W3KLF

# 13599. FT-100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-14 23:26:01 UTC
From: vk2new
Topic: 13447  Message: 13599

Hi group,
I have noticed that many FT-100/D's which have had the grounding mods performed to the internal coaxial connectors are different. For instance mine which was purchased new in VK land in Sept 2001 and with a serial number which starts with a 1D (2001/Feb), has 2 copper clips connected to the centre rib of the chassis. The first clip has a short length of braid solderd to the coaxial connector on the LPF board, which is noted in my FT-100D service manual to be the connection between the HF/6M Tx (J5015) LPF board and the PA board (J3005).
The second clip and braid is solderd on the main board on the HF/6M Rx (J1003) connector and the coaxial cable is then routed to the LPF board (JP5001).
I have noticed on different photos that some radios are different to mine and each other, but all in all my radio has performed with no problems what so ever.
73, VK2NEW Anthony.

# 13600. FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 02:14:24 UTC
From: ad6dw
Topic: 414  Message: 13600

HI... Where can I find a photo of all these Mods you guys are talking about??

# 13601. Re: Has anyone else noticed the poor response time on Yahoo groups?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 02:25:29 UTC
From: n9cv
Topic: 13557  Message: 13601

--- In FT100@y..., E F Todd Benson <efb@c...> wrote:
> After reading your comments on YAHOO, I was more wondering whether you were
> short the stock?

I do not own, have never owned, nor do I intend to own any Yahoo stock. Also I have no stock in any competitor to Yahoo, or any supplier to Yahoo. I stayed out of the Internet stock craze both on the way up and on the way down.

I am just very unhappy with the poor Yahoo response time that I have seen getting worse in the last six months. I will admit that most of the time that I am on Yahoo it is very late at night. Maybe Yahoo is using most of the bandwidth or server cycles at that time doing off site backups or something.

One of my major clients also has had the same Yahoo complaint. My client is only on the Internet between 8 to 5 during the week using a 6 megabit (4 T1s) connection. My conclusions, after testing, was that this is a major problem.

This must not be as wide spread of a problem as I thought. When the problem starts here, I do something else in another session while waiting for Yahoo to respond in the first one. Yahoo will eventually respond, it just akes a while. I only use Yahoo to view this forum anyway so it is not a major problem for me.

If no one else sees a problem, then forget my previous post and kill this thread.

Ken - N9CV

# 13602. Re: warranty upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 05:07:29 UTC
From: n9cv
Topic: 13592  Message: 13602

--- In FT100@y..., "Bodo" <va7bo@r...> wrote:
> Sent my 100D to Radioworld during it's last month of warranty
(march 02).
By the way I noticed that the third hole over the mic element has
> been opened up.73 Bo
>
> va7bo@r...

Interesting. I never knew anyone to send in their microphone. It is also interesting that they modified the microphone. Is someone at Radioworld/Yaesu monitoring this group? If they are not, then where did they get the microphone mod idea?

Ken - N9CV

# 13603. Re: [FT100] FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 16:29:44 UTC
From: Einar Carlsen
Topic: 414  Message: 13603

Try these web sites for a starter.

Www.K0LEE.com

WWW.mods.dk

VE7BAQ

----- Original Message -----
From: ad6dw
To: FT100@yahoogroups.com
Sent: Sunday, April 14, 2002 19:14 PM
Subject: [FT100] FT100

HI... Where can I find a photo of all these Mods you guys are
talking about??

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[Non-text portions of this message have been removed]

# 13604. Longer whip on an ATAS? Data Point

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 16:43:56 UTC
From: w1pa
Topic: 13604  Message: 13604

I know this string has been kicked around a few times, but I wanted to offer up a data-point.

Back when I mentioned I modified my ATAS (i.e. opened up the hole for the whip a bit) to accept a Larson-standard black whip, someone emailed me and asked why I bothered to cut it to the ATAS whip length (about 12" shorter), and didn't just run the full-size whip.

Well, I played a bit last night between turning steaks on the grill with a Larson cut to the "correct" length and a full-size Larson whip in the ATAS. Yes, it will tune 6m-40m on either whip.

I did notice, however, that on the longer whip 40m was much more sensitive to tune (off the wider pitch portion of the tuning coil?), and some of the SWR nulls were not as low on the longer whip (e.g. -- 15m: one SWR segment on the correct length, 2-3 segments on the full-size, same frequency)

I'm wondering if the three caps that are incorporated into the base tuning section are optimized for the reactance produced by the length of the whip that comes with the ATAS. I didn't have a field strength meter with me, so I can't comment on that -- I know that a good match doesn't always reflect good radiating efficiency; a dummy load is a perfect match.

Anyways, I'm going to stay with the whip cut to length.
Just one data point.

Bill
W1PA

# 13605. successful install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 19:08:46 UTC
From: pmp4me
Topic: 13605  Message: 13605

After following this group for a couple of weeks I was able to install the ATAS-100 I just received with very little trouble at all! Thanks for the info !

Greg
N4EN

# 13606. ATAS on 99 Suburban ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 20:18:41 UTC
From: wb1dog
Topic: 13606  Message: 13606

Looking for tips on where to install an ATAS on a 99 Suburban.
The back doors and sides of the hood seem to have an extra lip that
would prevent a trunk lip mount from working ? I also am not seeing
any real good places to run the coax ?

Thanks in advance.

- Jim

# 13607. MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 22:11:54 UTC
From: michel_homsi
Topic: 13607  Message: 13607

Hi,

Does anybody know which model of the MFJ Soundcard-to-Rig Interface
should be ordered to work with the FT-100 ?
I bought a hand held microphone ( HMM ) from Heil and I have also got
the AD-100 adaptor. I guess that the right model to choose in my case
is the MFJ-1275 but I am not sure.

73 de OD5TX Michel HOMSI - www.qsl.net/od5tx

# 13608. RE: [FT100] ATAS on 99 Suburban ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 21:23:52 UTC
From: Paul Henning
Topic: 13606  Message: 13608

Try a trunk lip mount on the rear edge of the hood. I have a 1996 GMC K2500 Pick Up with the same hood problem as your Suburban. This was the mounting recommended by a Yaesu rep talking with a Comet rep at the recent ASE SuperFest in Milwaukee. Seems to work quite well. Be sure to ground the hood it self and the ATAS. The installation even looks quite good (beauty being in the eye of the beholder I guess).

73
Paul N. Henning
K9PH
Director of Research and Development
Amtelco
4800 Curtin Drive
McFarland, Wisconsin 53558 USA
Voice - +1 (608)838-4194
FAX - +1 (608)838-8367
e-mail - paul@...
web - http://www.amtelcom.com

-----Original Message-----
From: wb1dog [mailto:wb1dog@...]
Sent: Monday, April 15, 2002 3:19 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS on 99 Suburban ?

Looking for tips on where to install an ATAS on a 99 Suburban.
The back doors and sides of the hood seem to have an extra lip that
would prevent a trunk lip mount from working ? I also am not seeing
any real good places to run the coax ?

Thanks in advance.

- Jim

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<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 13609. Mount for ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-15 23:49:21 UTC
From: w3klf
Topic: 1119  Message: 13609

I used a Diamond K400C Mount with C110 Extension for my installation. It should work for about any vehicle built. Mount has 6.5 feet of mini coax and swivels for any angle. Extension connects mini connector using 10 feet of coax to PL-259. Mine works SUPER!!! The mini coax can pass through any rubber gasket, without harm to coax or gasket.

# 13610. Re: [FT100] MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 00:59:13 UTC
From: Dick Thompson
Topic: 13607  Message: 13610

Michel,

The MFJ-1275 is the only Interface they make. If you were looking in their catalog and saw two, one was the front and one was the back. Be sure to confirm that the mic connector on the front has the same number of pins as your mic.

73,

Dick
WB0DUL@...
----- Original Message -----
From: michel_homsi
To: FT100@yahoogroups.com
Sent: Monday, April 15, 2002 4:11 PM
Subject: [FT100] MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Hi,

Does anybody know which model of the MFJ Soundcard-to-Rig Interface
should be ordered to work with the FT-100 ?
I bought a hand held microphone ( HMM ) from Heil and I have also got
the AD-100 adaptor. I guess that the right model to choose in my case
is the MFJ-1275 but I am not sure.

73 de OD5TX Michel HOMSI - www.qsl.net/od5tx

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# 13611. RE ATAS on 99 Suburban

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 01:17:52 UTC
From: John L. Gianotti
Topic: 13611  Message: 13611

I have a 99 Tahoe 2 door and use a Comet mount on the back door of the Tahoe. I have the split door (glass goes up and the tailgate goes down, like a picku) rather than the cargo doors. The only "problem" is in order to clear the glass when it opens I had to mount the ATAS about 2-3 degrees off of vertical, looks a little bizare, but works like gangbusters. Worked Finland, Scarbourogh, Latfia within the first week (as well as lots of stateside) of installing it and I only drive to and from work about 10 minutes per day.

# 13612. Re: [FT100] FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 01:37:38 UTC
From: Jim Lasswell
Topic: 414  Message: 13612

Hi Einer. Thank you ver much for the info on those Mods. This is just what the Dr. orderd. Again, thank you ver much. 73 AD6DW Jim
----- Original Message -----
From: Einar Carlsen
To: FT100@yahoogroups.com
Sent: Monday, April 15, 2002 9:29 AM
Subject: Re: [FT100] FT100

Try these web sites for a starter.

Www.K0LEE.com

WWW.mods.dk

VE7BAQ

----- Original Message -----
From: ad6dw
To: FT100@yahoogroups.com
Sent: Sunday, April 14, 2002 19:14 PM
Subject: [FT100] FT100

HI... Where can I find a photo of all these Mods you guys are
talking about??

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[Non-text portions of this message have been removed]

# 13613. Pictures

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 02:32:36 UTC
From: wb0dul
Topic: 13592  Message: 13613

Ken,

I received the photgraphs just fine. Thanks. They give me some
things to consider when I get my ATAS-100.

73,

Dick
wb0dul@...

# 13614. FT-100 Upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 22:10:52 UTC
From: Michael A. Waldron
Topic: 13614  Message: 13614

I have my FT-100 boxed up and ready to send to Yaesu repair (almost out of warranty) and I would like to make sure they get it right.

Are there specific names I should ask for the modifications? A process number, etc?

I know I am in need of the VHF overheating modification and the additional internal grounding, are there any other issues that may cause me long-term grief if I do not get them fixed?

Thanks!

-Mike

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

# 13615. V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 05:25:34 UTC
From: Lee Devlin
Topic: 414  Message: 13615

I got the following message from one of our list
members who sent it to me directly. I don't know
anything about the replacement part mentioned below,
but it has come up as a question on the list before
and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /
transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
factory quite cheaply
if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://taxes.yahoo.com/

# 13616. Re: FT-100 Upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 04:01:03 UTC
From: backhoefade
Topic: 13614  Message: 13616

I requested two items very specifically:

1) "Modification which addresses the spurious oscillation which is evidenced by the SWR icon flashing and power folding back intermittantly". You could probably just ask for the "SWR mod" and they will know what you need. It's up to you.

and

2) "VHF/UHF fan modification".

Then there is no question you will get what you need done.
Those are the only two items you should have done by Yaesu unless your particular rig has a unique problem which is unlikely.

I suggest that you do the "N2ZD mic mod" when you get the rig back.
It results in excellent transmit audio.

By the way, you don't have to send your mic with the rig for the two mods. I didn't. It left 'mic-less' and came back 'mic-less'.

Get ready to wait a while. I was lucky. When I sent mine in around April 2001 it only took 17 days. So fire up the old tube rig and look forward to getting your rock solid FT-100D back.

N6AF Chas

--- In FT100@y..., "Michael A. Waldron" <mikew@m...> wrote:
> I have my FT-100 boxed up and ready to send to Yaesu repair (almost out of
> warranty) and I would like to make sure they get it right.
>
> Are there specific names I should ask for the modifications? A process
> number, etc?
>
> I know I am in need of the VHF overheating modification and the additional
> internal grounding, are there any other issues that may cause me long-term
> grief if I do not get them fixed?
>
> Thanks!
>
> -Mike
>
> ---

> Michael A. Waldron, AE0MW
> http://www.mikew.org
> PGP: http://www.mikew.org/mypgpkey.txt

# 13617. 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 07:00:05 UTC
From: w6mdk
Topic: 13617  Message: 13617

Today I was playing around with the 2nd menu functions and
I "discovered" something which might well be known to the rest of
you, but was a surprise to me. If you increase the settings in, for
one, F15, you increase the output power significantly. For example,
by raising the setting to 255 (maximum), the output power on FM
increased to the following values:

Band Output (Watts)

80 175
40 175
30 108
20 190
17 190
15 150
12 150
10 110

Not knowing any more than this, I re-set the rig to the factory
default value (in my case, that is 121).

What I am wondering is:

1. What is the maximum that is safe for the rig?
2. Does raising the power introduce distortions or spurious
radiations of any kind?
3. Are there any other reasons to NOT do this?

If this has been addressed before, I'd appreciate being pointed to
the post. If not, any knowledge in this regard would be
appreciated. I figured I wouldn't get a straight answer from Yaesu.

Mike
W6MDK

# 13618. selling my ft-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 02:18:52 UTC
From: AARON WINSKI
Topic: 13618  Message: 13618

i'm sorry to have to do this, but i am forced to put my ft-100 up for sale. i have it listed on ebay, #1346684619. i hope that someone else can have as much fun with it as i had.

--
AARON T. WINSKI, KB9FMC
DIRECTOR OF ENGINEERING, WPW BROADCASTING, INC.
CELLULAR E-MAIL: 3092218990@...
CELLULAR: 309-221-8990
FAX: 866-863-4849

# 13619. Never assume

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-16 23:18:10 UTC
From: kb3bmt@juno.com
Topic: 13619  Message: 13619

Well, I packed up my FT-100D (Serial 1Ixxxx) and sent it to the Yaesu Hospital today. It was good while it lasted. I made 400+ contacts, 33 countries, almost 300 counties . . . all mobile. I then started getting the intermittent high SWR problem and resulting power reduction. Antenna tuned good (less than 1.5:1 across the band). Did the same thing into a dummy load, so I figured it was time.

Since I had just purchased the rig new from HRO in January '02, I assumed that Yaesu had completed all the necessary mods before sending it out for retail sale. My excellent results over the past couple of months reinforced my thinking. But then the gremlin set in.

So, I pulled it out of the car and popped open the case. NO MODS! Didn't look like anything shown in the group's photos for the SWR mods. No copper tape, no grounding straps, no nothing. Man was I disappointed.

I asked Yaesu to do all the mods while they had it checking out the SWR problem. After all, it is under warranty.

I have an FT-747GX I think I'll stick in the car until the return of my old friend. The noise blanker is not nearly as good, but I really like having a rig in the car (I'm a service tech and drive 1500+ miles a week).

Sure am going to miss the old girl. But I know when she returns, she will be better than new.

73

KB3BMT

_____
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# 13620. Re: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 09:49:26 UTC
From: Albert Furlow
Topic: 414  Message: 13620

So how would we do that, would we get someone with a business, to help out, or should we ask Phillips directly and see what happens? Any ideas out there, I for one would like a few extras around the house. KA1FFO

No Commo, No Beer..
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 12:25 AM
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list
members who sent it to me directly. I don't know
anything about the replacement part mentioned below,
but it has come up as a question on the list before
and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /
transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
factory quite cheaply
if

you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13621. RE: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 10:37:50 UTC
From: Cliff Bryant
Topic: 414  Message: 13621

FWIW dealing directly with Phillips has always been notoriously difficult at best unless you are trying to buy huge quantities as part of a business. I've always dealt with a distributer in the past (though not for a few years). The prices are higher of course but still not bad.

As one who had to pay a fortune to get the part replaced I'd be delighted to get some spares. I'd like to see data sheets on the original and replacement parts first of course.

I can maybe chase my old distie for info. How many spares do people want? :-)

Cliff, G4PZK

-----Original Message-----
From: Albert Furlow [mailto:albeham@...]
Sent: 17 April 2002 10:49
To: FT100@yahoogroups.com
Subject: Re: [FT100] V/U output transistor replacement

So how would we do that, would we get someone with a business, to help out, or should we ask Phillips directly and see what happens? Any ideas out there, I for one would like a few extras around the house. KA1FFO

No Commo, No Beer..
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 12:25 AM
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list members who sent it to me directly. I don't know anything about the replacement part mentioned below, but it has come up as a question on the list before and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET / transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has a SOT268a case
just

like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
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if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

[Non-text portions of this message have been removed]

# 13622. Re: FT-100 Upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 04:03:13 UTC
From: backhoefade
Topic: 13614  Message: 13622

Forgot to mention, though you probably know this, you have to include a copy of your receipt that proves you're within the 1 year warranty period.

--- In FT100@y..., "Michael A. Waldron" <mikew@m...> wrote:
> I have my FT-100 boxed up and ready to send to Yaesu repair (almost out of
> warranty) and I would like to make sure they get it right.
>
> Are there specific names I should ask for the modifications? A process
> number, etc?
>
> I know I am in need of the VHF overheating modification and the additional
> internal grounding, are there any other issues that may cause me long-term
> grief if I do not get them fixed?
>
> Thanks!
>
> -Mike
>
> ---
> Michael A. Waldron, AE0MW
> http://www.mikew.org
> PGP: http://www.mikew.org/mypgpkey.txt

# 13623. ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 16:59:54 UTC
From: w1pa
Topic: 13623  Message: 13623

See if this sounds reasonable...

I mounted my ATAS using a Comet 730 mount on the top right corner of my rear hatch on a Subaru Legacy Wagon (a '98, but with 120K miles, original struts). I had moved it off the luggage rack because I was getting a better match mounted directly on the metal lip. The 730 is a mid-size mount, not a full size. I don't have enough of a straight metal lip above the glass on the hatch corner to use a full size mount.

Last few weeks I've been noticing a shake in my rear end when I get up to 65, 70, 70+ MPH. Thought I had a tire balance issue, but noticed this morning when I drove in without the ATAS on, the shake is gone.

At 80 MPH, could the ATAS cantilevered off the back of my car start oscillating in the wind, and get my car shaking, especially with those old struts?

Bill
W1PA

# 13624. High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 18:47:42 UTC
From: frankweiss@aol.com
Topic: 8763  Message: 13624

Hello everyone:

I do not have a 100T (yet), so I cannot speak from experience. However, there has been a thread on this forum relating to high SWR readings when the 100T is used as a mobile unit. For those of you who subscribe to WORLDRADIO, I direct your attention to the May 2002 edition at page 59. The first two paragraphs on this page are as follows:

"One of the wrong ideas that seems to pop up every so often is that, in a mobile installation, if you have high SWR on the cable from the rig to the antenna or from the antenna tuner to the antenna that you will have horrendous losses. In a recent column on mobile antennas Krusty Olde Kurt explained that this is just not so. If you have a long run of coax, such as in your home station, you may have significant losses. But the cable in a mobile setup usually a short. So short that you'll have no losses to worry about no matter how high the SWR."

"Not everyone believes Kurt so let's look at some figures. Suppose the cable is 10 feet long and we are operating on 80 m. If the SWR. is really, really high, let's say 100:1, what are the losses? They are .64 DB. Is this horrible? For every 100 watts coming out of the transmitter we lose almost 8 watts. Could you tell the difference on the air? Not on your grandpa's eyebrows!"

I pass this info on for whatever value it may have for those having high SWR readings. I hope it has been of value to you.

73,

Frank K6FCW

[Non-text portions of this message have been removed]

# 13625. Re: [FT100] 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 14:14:02 UTC
From: Dick Thompson
Topic: 13617  Message: 13625

It's interesting to see what you found, Mike. But, IMHO you may be "playing with fire" if you increase the factory Power Output settings. Then again, maybe nothing will happen. I have a feeling that the PO is set on the basis of the finals in the rigs. I've run all kinds of rigs over the past 40 years on the bands, and in the past 6 months I've found that 100 watts will do the job, just not as quickly as a KW.

I'll definitely read, with interest, what the group has to say about your findings.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 1:00 AM
Subject: [FT100] 2nd Menu Functions

Today I was playing around with the 2nd menu functions and
I "discovered" something which might well be known to the rest of
you, but was a surprise to me. If you increase the settings in, for
one, F15, you increase the output power significantly. For example,
by raising the setting to 255 (maximum), the output power on FM
increased to the following values:

Band Output (Watts)

80 175
40 175
30 108
20 190
17 190
15 150
12 150
10 110

Not knowing any more than this, I re-set the rig to the factory
default value (in my case, that is 121).

What I am wondering is:

1. What is the maximum that is safe for the rig?
2. Does raising the power introduce distortions or spurious
radiations of any kind?
3. Are there any other reasons to NOT do this?

If this has been addressed before, I'd appreciate being pointed to the post. If not, any knowledge in this regard would be appreciated. I figured I wouldn't get a straight answer from Yaesu.

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13626. Re: [FT100] 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 14:50:06 UTC
From: Einar Carlsen
Topic: 13617  Message: 13626

Sounds good, EXCEPT when you up the power output you also up the HEAT generated. Sounds like a poor tradeoff to me. You might even blow a final. I don't think you rig will last long at 175 watts FM 80 Meters.

Einar VE7BAQ

----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 0:00 AM
Subject: [FT100] 2nd Menu Functions

Today I was playing around with the 2nd menu functions and
I "discovered" something which might well be known to the rest of
you, but was a surprise to me. If you increase the settings in, for
one, F15, you increase the output power significantly. For example,
by raising the setting to 255 (maximum), the output power on FM
increased to the following values:

Band Output (Watts)

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Not knowing any more than this, I re-set the rig to the factory
default value (in my case, that is 121).

What I am wondering is:

1. What is the maximum that is safe for the rig?
2. Does raising the power introduce distortions or spurious
radiations of any kind?
3. Are there any other reasons to NOT do this?

If this has been addressed before, I'd appreciate being pointed to
the post. If not, any knowledge in this regard would be
appreciated. I figured I wouldn't get a straight answer from Yaesu.

Mike
W6MDK

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# 13627. Re: 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 22:30:50 UTC
From: backhoefade
Topic: 13617  Message: 13627

The FT-100D is your basic "100 Watt PEP" rig on HF. It's
fan/heatsink system is designed to get rid of the heat that comes
from the difference in the input power minus the output power.
That's about (12x21)-100 = 140 Watts of heat flow. When you jack up
the output power beyond 100 Watts out you're going to do two bad
things and only realize one tiny good thing. The bad things are
a) the final amp devices will run hotter, thereby shortening their
life and b) the final amp devices will run at higher current than
they normally would which also will shorten their life. The slight
improvement you will get when you run, for example, 175 Watts instead
of 100 Watts output is 10log(175/100) = 2.43 dB increase in received
signal level versus running 100 Watts output. That's less than half
an S unit so it's a lousy trade-off. If you want a little louder
voice with the FT-100D do what I did and drive it into an SB-220 for
a full kW output. Now you have a 10 dB advantage. Even then it's
only about 1 1/2 S units. Still, 10 dB makes a major difference at
times. 2.43 dB isn't worth the extra heat. For mobile op a lot of
guys run the ALS-500 Ameritron mobile amp for a nice 500 Watts out.
That's helpful for mobile work. The extra 7 dB (a little over an S
unit) brings you up to par with a lot of base stations using simple
dipoles and inverted Vees at, say, 25 feet elevation. The 500 Watt
mobile with a decent whip can put out a nasty good signal.
I would leave the F15 control at the 100 Watt setting. Same thing
with the 2 meter and 440 MHz power tweak. Just leave it stock. Your
rig will thank you and so will your wallet.
N6AF Chas

--- In FT100@y..., "w6mdk" <W6MDK@A...> wrote:
> Today I was playing around with the 2nd menu functions and
> I "discovered" something which might well be known to the rest of
> you, but was a surprise to me. If you increase the settings in,
for
> one, F15, you increase the output power significantly. For
example,
> by raising the setting to 255 (maximum), the output power on FM
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> Not knowing any more than this, I re-set the rig to the factory
> default value (in my case, that is 121).
>
> What I am wondering is:
>
> 1. What is the maximum that is safe for the rig?
> 2. Does raising the power introduce distortions or spurious
> radiations of any kind?
> 3. Are there any other reasons to NOT do this?
>
> If this has been addressed before, I'd appreciate being pointed to
> the post. If not, any knowledge in this regard would be
> appreciated. I figured I wouldn't get a straight answer from Yaesu.
>
> Mike
> W6MDK

# 13628. Re: [FT100] Re: 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 22:38:33 UTC
From: W6MDK@AOL.COM
Topic: 13617  Message: 13628

This fits with what I expected to see. I agrree that it is probably not a really good idea - certainloy not worth the possible (temporary) improvement in signal strength.

# 13629. ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 00:09:24 UTC
From: john BUNKER
Topic: 555  Message: 13629

I just received the ant and am looking for a good mount for a ford Ranger P>U.Any one have a good suggestion? Going with the Diamond k-400c for my Lincoln and mount it on the rear right trunk lid. Never thought that this mobile would be that expensive. Ant ideas on antenna installation would be a help.

[Non-text portions of this message have been removed]

# 13630. Re: [FT100] High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 00:35:47 UTC
From: Mike May
Topic: 8763  Message: 13630

I'm not sure what the 100T is that you are talking about but if you mean the FT100/ 00D series of radios then the swr problem is actually a falsing in the radios power/vswr detector circuit. The detector is reacting to a approximate 13.5 MHz spurious oscillation that is a design flaw( IE poor layout) in the radio, since the antenna is tuned to the radios desired transmit frequency and the radio while in transmit mode is putting out the desired frequency along with the undesired spurious frequency which can be greater than the actual desired transmit frequency then the vswr detector responds to the approximate 13.5Mhz spurious frequency thereby turning on the radios high SWR icon. Has nothing tp do with cable losses or not. The SWR icon can and does come on when operting into an antenna that has less than a 1.2:1 VSWR. The SWR fix which addresses the grounding/poor layout design flaws eliminates the approximat 13.5 Mhz spurious Power amplifier oscillation.

Mike
WB8VLC/7

Mike
frankweiss@... wrote:

>
> Hello everyone:
>
> I do not have a 100T (yet), so I cannot speak from experience.
> However,
> there has been a thread on this forum relating to high SWR readings
> when the
> 100T is used as a mobile unit. For those of you who subscribe to
> WORLDRADIO,
> I direct your attention to the May 2002 edition at page 59. The first
> two
> paragraphs on this page are as follows:
>
> "One of the wrong ideas that seems to pop up every so often is that,
> in a
> mobile installation, if you have high SWR on the cable from the rig to
> the
> antenna or from the antenna tuner to the antenna that you will have
> horrendous losses. In a recent column on mobile antennas Krusty Olde
> Kurt
> explained that this is just not so. If you have a long run of coax,
> such as
> in your home station, you may have significant losses. But the cable
> in a
> mobile setup usually a short. So short that you'll have no losses to

> worry
> about no matter how high the SWR."
>
> "Not everyone believes Kurt so let's look at some figures. Suppose
> the cable
> is 10 feet long and we are operating on 80 m. If the SWR. is really,
> really
> high, let's say 100:1, what are the losses? They are .64 DB. Is this
>
> horrible? For every 100 watts coming out of the transmitter we lose
> almost 8
> watts. Could you tell the difference on the air? Not on your
> grandpa's
> eyebrows!"
>
>
> I pass this info on for whatever value it may have for those having
> high SWR
> readings. I hope it has been of value to you.
>
> 73,
>
> Frank K6FCW
>
>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 13631. Re: High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 20:28:54 UTC
From: w8hq
Topic: 8763  Message: 13631

> there has been a thread on this forum relating to high SWR readings when the 100T is used as a mobile unit. For those of you who subscribe to I pass this info on for whatever value it may have for those having high SWR readings. I hope it has been of value to you.
>
> 73,
>
> Frank K6FCW

Frank,

The issue is that the FT100D incorrectly sees a high SWR and internally reduces the output power from the radio or in the HIGH SWR ICON case shuts off the output altogether.

The problem is made worse with a bad ground in the mobile installation, but the root cause is poor internal grounding and shielding inside the radio which allows spurs to radiate and be seen as high SWR.

There are known fixes and reworks inside the radio and Yaesu has not been consistent with new production to make these changes permanent.

Craig
W8HQ

# 13632. Re: [FT100] Re: 2nd Menu Functions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 00:57:41 UTC
From: Dick Thompson
Topic: 13617  Message: 13632

What you said made alot of sense, Chas.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 4:30 PM
Subject: [FT100] Re: 2nd Menu Functions

The FT-100D is your basic "100 Watt PEP" rig on HF. It's
fan/heatsink system is designed to get rid of the heat that comes
from the difference in the input power minus the output power.
That's about (12x21)-100 = 140 Watts of heat flow. When you jack up
the output power beyond 100 Watts out you're going to do two bad
things and only realize one tiny good thing. The bad things are
a) the final amp devices will run hotter, thereby shortening their
life and b) the final amp devices will run at higher current than
they normally would which also will shorten their life. The slight
improvement you will get when you run, for example, 175 Watts instead
of 100 Watts output is 10log(175/100) = 2.43 dB increase in received
signal level versus running 100 Watts output. That's less than half
an S unit so it's a lousy trade-off. If you want a little louder
voice with the FT-100D do what I did and drive it into an SB-220 for
a full kW output. Now you have a 10 dB advantage. Even then it's
only about 1 1/2 S units. Still, 10 dB makes a major difference at
times. 2.43 dB isn't worth the extra heat. For mobile op a lot of
guys run the ALS-500 Ameritron mobile amp for a nice 500 Watts out.
That's helpful for mobile work. The extra 7 dB (a little over an S
unit) brings you up to par with a lot of base stations using simple
dipoles and inverted Vees at, say, 25 feet elevation. The 500 Watt
mobile with a decent whip can put out a nasty good signal.
I would leave the F15 control at the 100 Watt setting. Same thing
with the 2 meter and 440 MHz power tweak. Just leave it stock. Your
rig will thank you and so will your wallet.
N6AF Chas

--- In FT100@y..., "w6mdk" <W6MDK@A...> wrote:
> Today I was playing around with the 2nd menu functions and
> I "discovered" something which might well be known to the rest of
> you, but was a surprise to me. If you increase the settings in,
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> by raising the setting to 255 (maximum), the output power on FM
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> What I am wondering is:
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> 3. Are there any other reasons to NOT do this?
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> If this has been addressed before, I'd appreciate being pointed to
> the post. If not, any knowledge in this regard would be
> appreciated. I figured I wouldn't get a straight answer from Yaesu.
>
> Mike
> W6MDK

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[Non-text portions of this message have been removed]

# 13633. RE: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 13:48:01 UTC
From: Paulus
Topic: 414  Message: 13633

-----Original Message-----
From: Cliff Bryant [mailto:CliffB@...]
Sent: Wednesday, April 17, 2002 10:38 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] V/U output transistor replacement

FWIW dealing directly with Phillips has always been notoriously difficult at best unless you are trying to buy huge quantities as part of a business. I've always dealt with a distributer in the past (though not for a few years). The prices are higher of course but still not bad.

As one who had to pay a fortune to get the part replaced I'd be delighted to get some spares. I'd like to see data sheets on the original and replacement parts first of course.

I can maybe chase my old distie for info. How many spares do people want? :-)

Cliff, G4PZK

-----Original Message-----
From: Albert Furlow [mailto:albeham@...]
Sent: 17 April 2002 10:49
To: FT100@yahoogroups.com
Subject: Re: [FT100] V/U output transistor replacement

So how would we do that, would we get someone with a business, to help out, or should we ask Phillips directly and see what happens? Any ideas out there, I for one would like a few extras around the house. KA1FFO

No Commo, No Beer..
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 12:25 AM
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list members who sent it to me directly. I don't know anything about the replacement part mentioned below, but it has come up as a question on the list before and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /

transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
factory quite cheaply
if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

[Non-text portions of this message have been removed]

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# 13634. RE: [FT100] ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 02:25:58 UTC
From: Kevin McGuirt
Topic: 555  Message: 13634

The only good solution for the ATAS and any kind of pickup that I have found is the mount that you have attached to the rear of the hood by the windshield. I thought it would look weird when it was suggested to me but it looks much better than you would imagine. Besides, getting coax through the firewall is easier than through the back of the cab. Just be sure to ground your hood with a piece of copper strap.

73 & Good Luck,
Kevin
W4KBM

-----Original Message-----
From: john BUNKER [mailto:bunkerj@...]
Sent: Wednesday, April 17, 2002 8:09 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS-100

I just received the ant and am looking for a good mount for a ford Ranger P>U.Any one have a good suggestion? Going with the Diamond k-400c for my Lincoln and mount it on the rear right trunk lid. Never thought that this mobile would be that expensive. Ant ideas on antenna installation would be a help.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13635. Re: ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 03:42:01 UTC
From: kc7gsg
Topic: 13623  Message: 13635

I don't have that problem with my ATAS (it's mounted on the top ladder rack of an E250 Ford cargo van, talk about a killer ground plane!) but I do find that I have to slow down under 50 MPH to change bands on it. I think the wind pressure is too much at high speeds and it binds up the screw drive. Other than that, it works great. I had a '91 Legacy Sedan. No ATAS on it but a great little car. Sold it with 140k on it and the original struts didn't shake a bit.

good luck
Sean

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> See if this sounds reasonable...
>
> I mounted my ATAS using a Comet 730 mount on the top right corner of
> my rear hatch on a Subaru Legacy Wagon (a '98, but with 120K miles,
> original struts). I had moved it off the luggage rack because I was
> getting a better match mounted directly on the metal lip. The 730 is
> a mid-size mount, not a full size. I don't have enough of a straight
> metal lip above the glass on the hatch corner to use a full size
> mount.
>
> Last few weeks I've been noticing a shake in my rear end when I get
> up to 65, 70, 70+ MPH. Thought I had a tire balance issue, but
> noticed this morning when I drove in without the ATAS on, the shake
> is gone.
>
> At 80 MPH, could the ATAS cantilevered off the back of my car start
> oscillating in the wind, and get my car shaking, especially with
> those old struts?
>
> Bill
> W1PA

# 13636. Re: [FT100] MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 04:20:36 UTC
From: Alex Turner
Topic: 13607  Message: 13636

They indeed make two models, 1275 and 1275M one has an 8 pin DIN and the other has an RJ45,same as the mic plug on the FT-100, but I don't think it really matters since you will probably wind up using the miniature DIN on the back of the FT-100. All the signals are there and easier to get to than the mic plug. Other rigs will probably work fine with RJ45(modular).
I bought last week-end at the hamfest.

Alex N4BYJ
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Monday, April 15, 2002 8:59 PM
Subject: Re: [FT100] MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Michel,

The MFJ-1275 is the only Interface they make. If you were looking in their catalog and saw two, one was the front and one was the back. Be sure to confirm that the mic connector on the front has the same number of pins as your mic.

73,

Dick
WB0DUL@...
----- Original Message -----
From: michel_homsi
To: FT100@yahoogroups.com
Sent: Monday, April 15, 2002 4:11 PM
Subject: [FT100] MFJ-1275 or MFJ-1275M Soundcard-to-Rig Interface

Hi,

Does anybody know which model of the MFJ Soundcard-to-Rig Interface should be ordered to work with the FT-100 ?
I bought a hand held microphone ( HMM ) from Heil and I have also got the AD-100 adaptor. I guess that the right model to choose in my case is the MFJ-1275 but I am not sure.

73 de OD5TX Michel HOMSI - www.qsl.net/od5tx

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# 13637. Re: [FT100] ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 18:59:41 UTC
From: Dick Thompson
Topic: 13623  Message: 13637

What does it do when you drive the speed limit?

73,

Dick
WB0DUL@...
----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 10:59 AM
Subject: [FT100] ATAS makes my car shake?

See if this sounds reasonable...

I mounted my ATAS using a Comet 730 mount on the top right corner of my rear hatch on a Subaru Legacy Wagon (a '98, but with 120K miles, original struts). I had moved it off the luggage rack because I was getting a better match mounted directly on the metal lip. The 730 is a mid-size mount, not a full size. I don't have enough of a straight metal lip above the glass on the hatch corner to use a full size mount.

Last few weeks I've been noticing a shake in my rear end when I get up to 65, 70, 70+ MPH. Thought I had a tire balance issue, but noticed this morning when I drove in without the ATAS on, the shake is gone.

At 80 MPH, could the ATAS cantilevered off the back of my car start oscillating in the wind, and get my car shaking, especially with those old struts?

Bill
W1PA

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# 13638. RE: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 13:48:05 UTC
From: Paulus
Topic: 414  Message: 13638

-----Original Message-----
From: Albert Furlow [mailto:albeham@...]
Sent: Wednesday, April 17, 2002 9:49 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] V/U output transistor replacement

So how would we do that, would we get someone with a business, to help
out, or should we ask Phillips directly and see what happens? Any ideas out
there, I for one would like a few extras around the house. KA1FFO

No Commo, No Beer..
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 12:25 AM
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list
members who sent it to me directly. I don't know
anything about the replacement part mentioned below,
but it has come up as a question on the list before
and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /
transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,

and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
factory quite cheaply
if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

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# 13639. Re: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 14:56:52 UTC
From: Einar Carlsen
Topic: 414  Message: 13639

According to,Philips web site, "Arrow" will sell single units. If job lots are rquired rhere are two others suggested.
VE7BAQ
----- Original Message -----
From: Paulus
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 6:48 AM
Subject: RE: [FT100] V/U output transistor replacement

-----Original Message-----
From: Albert Furlow [mailto:albeham@...]
Sent: Wednesday, April 17, 2002 9:49 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] V/U output transistor replacement

So how would we do that, would we get someone with a business, to help out, or should we ask Phillips directly and see what happens? Any ideas out there, I for one would like a few extras around the house. KA1FFO

No Commo, No Beer..
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, April 17, 2002 12:25 AM
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list
members who sent it to me directly. I don't know
anything about the replacement part mentioned below,
but it has come up as a question on the list before
and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /
transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.

at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
handling.

I know that you can buy the stuff from Phillips
factory quite cheaply
if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
money

=====
73,

Lee Devlin, K0LEE
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# 13640. Re: [FT100] High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 19:20:35 UTC
From: Paul Manuel
Topic: 8763  Message: 13640

Don't forget that if the band in question is 10 meters, we can expect about three times the loss that we experience on 80 meters. If this 24 watts heats the line, the losses will increase.
In actuality, probably most of us use 15 feet or so of cable to the antenna. So then we multiply our 24 watts by 1.5, to get 36 watts lost in the cable.
And this is not considering the loss in whatever we are using for a matching device, which can be a lot when matching a low impedance antenna.

I am not saying this will drastically decrease our signal, but it can be awfully inefficient on the higher frequencies.
73,
Paul K4PDM
> "One of the wrong ideas that seems to pop up every so often is that, in
> a
> mobile installation, if you have high SWR on the cable from the rig to
> the
> antenna or from the antenna tuner to the antenna that you will have
> horrendous losses.

_____
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# 13641. Re: High SWR

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-18 18:48:02 UTC
From: backhoefade
Topic: 8763  Message: 13641

The whole discussion is academic when it comes to the FT-100D; it won't let you operate much over 2:1 SWR. Those finals don't want to see the high voltages that occur with large reflections and the SWR protection circuit achieves that goal. Guess sometimes you could say it's "frustratingly effective". Once you fix the spurious oscillation bug it's hard to hurt this little beast.
N6AF Chas

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
> Don't forget that if the band in question is 10 meters, we can expect
> about three times the loss that we experience on 80 meters. If this 24
> watts heats the line, the losses will increase.
> In actuality, probably most of us use 15 feet or so of cable to the
> antenna. So then we multiply our 24 watts by 1.5, to get 36 watts lost in
> the cable.
> And this is not considering the loss in whatever we are using for a
> matching device, which can be a lot when matching a low impedance antenna.
>
>
> I am not saying this will drastically decrease our signal, but it can be
> awfully inefficient on the higher frequencies.
> 73,
> Paul K4PDM
> > "One of the wrong ideas that seems to pop up every so often is that, in
> > a
> > mobile installation, if you have high SWR on the cable from the rig to
> > the
> > antenna or from the antenna tuner to the antenna that you will have
> > horrendous losses.
>
> _____
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# 13642. Courtesy call

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 01:30:45 UTC
From: am_fm_radio
Topic: 13642  Message: 13642

Yaesu left me a courtesy call on my answering machine. They are shipping the radio back. I shipped it to them Mar 14th over night... So we're at 33 days and still waiting. But the claim is, it's on it's way... we'll see ...Murphy works for USPS/UPS/FEDEX...

ALL MODS DONE, speaker changed (it was distorting and "ringing" at moderate volumes) RIG checked out OK. The Tech stated. Mic gain and proper installation of the power cable is REQUIRED. He said straight to the battery.

My 2002 GMC Sierra 2500hd Duramax Diesel has 2 batteries.
Which battery do I use? Currently I'm connected to the "junction box" that GM recommends connecting jumper cables/chargers and accessories to. It's located right off the drivers side exaust manifold and is labeled- "Battery Connections inside" I'm also using the truck sheet metal to mount the radio to. Is the radio frame grounded like it should be?

I may re-do my power cables and connections. I mounted the rig in the truck in December in the cold. It's much warmer to work outdoors these days.

If anyone is interested, I remoted the control head into the overhead console. Looks as if it came from GM....

# 13643. Re: ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 02:00:45 UTC
From: w1pa
Topic: 13623  Message: 13643

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What does it do when you drive the speed limit?
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----

It sways in the air wake concussion of the other commuters and truckers blowing by me... :-) 75 is the normal traffic flow on 128 and 495 around Boston at rush hour. I'm not a speed freak -- simple truth in metro Boston; you either keep up, or you're a moving hazard.

btw, turns out I have a front right bearing "going south". That is probably the real issue. I'll confirm when the car comes back from the shop.

Bill
W1PA

# 13644. warranty upgrades

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 02:55:15 UTC
From: Bodo
Topic: 13592  Message: 13644

Received a reply to my querie as to the nature of tsn 0201 from
Radioworld---they advised me that they are not at liberty to divulge this
info but I could contact Yaesu at (714-827-7600) and if they wished to make
it public info then they would release that info to me. Sorry guys-I tried!!
The rig is now working very well for me and as far as I'm concerned that's
a goodthing and I am prepared to leave it at that.
va7bo@...

# 13645. Re: [FT100] Re: ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 03:22:56 UTC
From: Dick Thompson
Topic: 13623  Message: 13645

I had to rattle your chain a bit, Bill. I do that all the time. I still think 75 mph during rush hour is just too fast. But then I live in lazy Colorado springs where the Interstate is 2 lanes in both directions, the city fathers are fighting a light rail system and the City is now at 500,000 folks.

I doubt that the ATAS is causing the problem. I hope you find it's that bearing that is going south.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Thursday, April 18, 2002 8:00 PM
Subject: [FT100] Re: ATAS makes my car shake?

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> What does it do when you drive the speed limit?
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----

It sways in the air wake concussion of the other commuters and truckers blowing by me... :-) 75 is the normal traffic flow on 128 and 495 around Boston at rush hour. I'm not a speed freak -- simple truth in metro Boston; you either keep up, or you're a moving hazard.

btw, turns out I have a front right bearing "going south". That is probably the real issue. I'll confirm when the car comes back from the shop.

Bill
W1PA

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# 13646. Re: [FT100] Courtesy call

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 10:18:27 UTC
From: kevin
Topic: 13642  Message: 13646

I have a F350 Diesel with two batterys and I connected
it directly to one battary and it works great.

---
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# 13647. RE: [FT100] V/U output transistor replacement

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-17 13:48:10 UTC
From: Paulus
Topic: 414  Message: 13647

-----Original Message-----
From: Lee Devlin [mailto:lee810@...]
Sent: Wednesday, April 17, 2002 5:26 PM
To: FT100@yahoogroups.com
Subject: [FT100] V/U output transistor replacement

I got the following message from one of our list
members who sent it to me directly. I don't know
anything about the replacement part mentioned below,
but it has come up as a question on the list before
and certainly merits some investigation:

Dear Members

I have some very good news for you
I have discovered a replacement for the MOSFET /
transistor,
commonly reffered to as SRF 8043
used in VHF and UHF TX finals of the FT - 100
The magic replacement MOSFET is a BLF 546 - and has
a SOT268a case
just
like the SRF 7043
available from Phillips Semiconductors distributors
like "Arrow" and
etc.
at US$143.77
or if you buy 20, just over US$100 each
Ask me what they are really worth
Knowing Phillips they charge double to anybody else
for anything with
their
brand name stamped on it.
Phillips would make a profit if they charged about
US to US$8 each ,
and dearest part is the testing, packaging and
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I know that you can buy the stuff from Phillips
factory quite cheaply
if
you are a big manufacturer and know ropes. Any
suggestions on this
topic
would be appreciated.

What's the SRF 7043 worth? about a $1
Now you are getting the hang of it

Yours truly Paulus - keeps on, keeps on saving people
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73,

Lee Devlin, K0LEE
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# 13648. Re: [FT100] Re: ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 14:14:41 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13623  Message: 13648

Gee, freeway traffic here runs over 80 during normal flow. Southern CA drivers are crazy. My ATAS100 is mounted on the left side of the trunk lid - 1999 Olds Intrigue and I haven't detected any untoward sway/shake, yet.

wp2aat

w1pa wrote:

> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > What does it do when you drive the speed limit?
> >
> > 73,
> >
> > Dick
> > WB0DUL@a...
> > ----- Original Message -----
>
> It sways in the air wake concussion of the other commuters and
> truckers blowing by me... :-) 75 is the normal traffic flow on 128
> and 495 around Boston at rush hour. I'm not a speed freak -- simple
> truth in metro Boston; you either keep up, or you're a moving hazard.
>
> btw, turns out I have a front right bearing "going south". That is
> probably the real issue. I'll confirm when the car comes back from
> the shop.
>
> Bill
> W1PA
>
>
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# 13649. LF monitoring

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 16:16:53 UTC
From: backhoefade
Topic: 13649  Message: 13649

I built up a 500 kHz low pass filter, stuck it in front of the FT-100D and snooped around last night. Heard about ten different CW identifying stations such as AK, SF, MOG, etc beteen about 278 KHz and 400 kHz. I believe those are navigational beacons. Can anybody point me to a website that lists the frequency and location for some of these nav stations?
thanks
Chas N6AF

# 13650. Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 15:14:34 UTC
From: Abe Schachter
Topic: 13650  Message: 13650

I purchased an FT-100 and ATAS-100 for my car nearly three years ago and have been extremely pleased with the combination. The rig had the SWR mod performed a couple of years ago.

Recently, I've noticed that the RX audio on the 2m band has gotten low and the volume control needs to be set to maximum in order for me to hear it. Is this a known problem and, if so, can it be solved by fiddling with the IF gain settings in the second menu set or does it need to be sent back for servicing?

All suggestions are greatly welcome!

73,
Abe Schachter N3BBF
Grid FM19kb

If you think technology can solve your security problems,
then you don't understand the problems and you don't
understand the technology."
-Bruce Schneier, Secrets and Lies

# 13651. [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 19:14:43 UTC
From: John Hansen
Topic: 13651  Message: 13651

Hi:

The direct frequency entry keypad that I've been working on for the FT-817, FT-100 and ICOM radios is finally available for sale, both in kit and wired and tested form.

The keypad performs a number of functions. First, of course, it allows you to directly enter frequencies into your radio. You can enter the frequency as either kHz or MHz and the keypad will figure out which you intended. Thus, to QSY to 14.254 MHz, you can enter either 14254 or 14*254. You can also omit any trailing zeros. Thus, to go to the bottom of the 40 meter band, you simply enter the 7 digit followed by the enter key. The keypad also knows which mode to switch the radio to. If you enter a frequency in the SSB portion of the 20 meter band, it knows to switch the radio to USB. If you enter a frequency in the SSB portion of the 40 meter band, it knows to switch to LSB. For the CW band segments it automatically switches to CW. Enter a 2 meter repeater frequency, and it switches to FM. Enter a frequency in the FM broadcast band (on a radio that supports this), and it switches to WFM. The keypad itself uses high quality full-travel (not membrane) keys and emits a pleasant beep whenever a key is pressed.

The keypad is designed to be operated from an internal 9 volt battery. It's power consumption is now so low (under 10 microamps when idling) that it should run for years on a single battery. A power switch, therefore, is no longer necessary.

Switching the keypad between radios is quite simple. To change the keypad to FT-817 mode, for example, simply type: **817 To switch to FT-100 mode, type: **100 To switch to ICOM mode, type **0XX where XX is the CI-V address of your radio. Thus the keypad can easily be carried from the IC-756 in your house, to the FT-100 in your car to the FT-817 when you go backpacking without missing a beat.

The keypad is available in a wired and tested version for $95 postpaid anywhere in the US. It is also available as a complete kit for $70. This kit includes all of the parts necessary to build exactly the same product that is sold wired and tested. The enclosure is pre-drilled so that no cutting or plastic work is required. The circuitboard has very few parts and makes an excellent beginner's kit. Step by step instructions are included. To build the kit you will need a soldering iron (30 watts or less) and a hot glue gun (the type that can be picked up a stores like WalMart for under $3.

More information on this product including a link to the assembly and operation manual is available on my website: http://john.hansen.net/keypad.htm

Thanks for the bandwidth.

John Hansen, W2FS
john@...

# 13652. Re: [FT100] LF monitoring

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 17:00:42 UTC
From: Mike May
Topic: 13649  Message: 13652

Hey Chas

check some of the links below, they both have some great info for
LOFERS, IE low frequency experimenters.

Mike
WB8VLC/7

http://www.lwca.org/
http://www.vicon.net/~aketner/lofer.htm

backhoefade wrote:

> I built up a 500 kHz low pass filter, stuck it in front of the
> FT-100D and snooped around last night. Heard about ten different CW
> identifying stations such as AK, SF, MOG, etc beteen about 278 KHz
> and 400 kHz. I believe those are navigational beacons. Can anybody
> point me to a website that lists the frequency and location for some
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> thanks
> Chas N6AF
>
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It is the policy of Wulfsberg Electronics Division that no legally binding statements, representations or commitments (collectively statements) may be made by email. Any such statements must be confirmed either by facsimile transmission or by mail before they will have legal effect. The sender of this email is not authorized to commit the company in any way and the addressee is hereby formally notified of that fact. [Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 13653. AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 20:45:22 UTC
From: Tabby Francisco
Topic: 13649  Message: 13653

Help!
Whenever I press TUN I get the AntErr message. What?s
wrong?

I read the manual. It never mentioned what the message
meant when an ATAS-100 is connected.

The ATAS-100 once tuned under the following condition:
- Only the center conductor was connected from the pig
tail to the coax leading to ATAS100.
- Radio not grounded (radio lying down on trunk).
- Menu 61 = ATAS-2

When the pig tail is securely connected I hear
nothing. When only the center conductor is connected,
I hear normal noise or reception. Can anyone explain
why? Looks like its better when only the center
conductor is connected.

Radio is powered with a 10gauge separate (+) & (-)
wire direct from battery posts.

The Diamond Trunk mount K400 is grounded good. I
soldered a ? inch braided wire to a metal strip that I
inserted under the K400. The strip is securely held by
the 4 allen screws. The braided wire is bolted on the
trunk and rear deck of my sedan. Bullet proof
grounding.

KC2EKV@...

---
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 13654. Re: [FT100] [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 20:45:11 UTC
From: Michael A. Waldron
Topic: 13651  Message: 13654

How does this connect to the FT-100?

I'm assuming it connects to the PC Port, but if it does do you loose the
use of the FC-20 or did you include some form of pass-thru?

Thanks

-Mike

At 03:14 PM 4/19/2002 -0400, you wrote:
>Hi:
>
> The direct frequency entry keypad that I've been working on for
>the FT-817, FT-100 and ICOM radios is finally available for sale, both in
>kit and wired and tested form.
>
> The keypad performs a number of functions. First, of course, it
>allows you to directly enter frequencies into your radio. You can enter
>the frequency as either kHz or MHz and the keypad will figure out which you
>intended. Thus, to QSY to 14.254 MHz, you can enter either 14254 or 14*254.
>You can also omit any trailing zeros. Thus, to go to the bottom of the 40
>meter band, you simply enter the 7 digit followed by the enter key. The
>keypad also knows which mode to switch the radio to. If you enter a
>frequency in the SSB portion of the 20 meter band, it knows to switch the
>radio to USB. If you enter a frequency in the SSB portion of the 40 meter
>band, it knows to switch to LSB. For the CW band segments it automatically
>switches to CW. Enter a 2 meter repeater frequency, and it switches to FM.
>Enter a frequency in the FM broadcast band (on a radio that supports this),
>and it switches to WFM. The keypad itself uses high quality full-travel
>(not membrane) keys and emits a pleasant beep whenever a key is pressed.
>
> The keypad is designed to be operated from an internal 9 volt
>battery. It's power consumption is now so low (under 10 microamps when
>idling) that it should run for years on a single battery. A power switch,
>therefore, is no longer necessary.
>
> Switching the keypad between radios is quite simple. To change the
>keypad to FT-817 mode, for example, simply type: **817 To switch to FT-100
>mode, type: **100 To switch to ICOM mode, type **0XX where XX is the CI-V
>address of your radio. Thus the keypad can easily be carried from the
>IC-756 in your house, to the FT-100 in your car to the FT-817 when you go
>backpacking without missing a beat.
>
> The keypad is available in a wired and tested version for $95 postpaid
>anywhere in the US. It is also available as a complete kit for $70. This

>kit includes all of the parts necessary to build exactly the same product
>that is sold wired and tested. The enclosure is pre-drilled so that no
>cutting or plastic work is required. The circuitboard has very few parts
>and makes an excellent beginner's kit. Step by step instructions are
>included. To build the kit you will need a soldering iron (30 watts or
>less) and a hot glue gun (the type that can be picked up a stores like
>WalMart for under $3.
>
> More information on this product including a link to the assembly and
>operation manual is available on my
>website: http://john.hansen.net/keypad.htm
>
> Thanks for the bandwidth.
>
>John Hansen, W2FS
>john@...
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

# 13655. Re: [FT100] Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 17:51:24 UTC
From: Pres Waterman
Topic: 13650  Message: 13655

> Recently, I've noticed that the RX audio on the 2m band has gotten low and
> the volume control needs to be set to maximum in order for me to hear it.
> Is this a known problem and, if so, can it be solved by fiddling with the
IF
> gain settings in the second menu set or does it need to be sent back for
> servicing?

1 Are you talking about SSB or FM? FM low audio on one band would suggest
a tone-squelch set by mistake. SSB low may indicate another problem, as you
suggest maybe an IF gain setting. But how did it go wrong? See below:

2 In either case, alignment is almost NEVER a repair technique. Alignment
settings don't usually "slip" although with software alignments being used
these days it IS theoretically possible that the data got corrupted in the
radio. Alignment is useful for after a component repair is done, of if you
have a friend with a very elaborate service generator and you want to make
it more perfect than the factory banged it out at.

No, I suspect a failure of some sort.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!

# 13656. RE: [FT100] AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 21:55:02 UTC
From: Jesse
Topic: 13649  Message: 13656

Sounds like you got a loose ground somewhere...

-----Original Message-----
From: Tabby Francisco [mailto:kc2ekv@...]
Sent: Friday, April 19, 2002 3:45 PM
To: FT100@yahoogroups.com
Subject: [FT100] AntErr with ATAS100 when TUN is pressed.

Help!
Whenever I press TUN I get the AntErr message. What□s
wrong?

I read the manual. It never mentioned what the message
meant when an ATAS-100 is connected.

The ATAS-100 once tuned under the following condition:
- Only the center conductor was connected from the pig
tail to the coax leading to ATAS100.
- Radio not grounded (radio lying down on trunk).
- Menu 61 = ATAS-2

When the pig tail is securely connected I hear
nothing. When only the center conductor is connected,
I hear normal noise or reception. Can anyone explain
why? Looks like its better when only the center
conductor is connected.

Radio is powered with a 10gauge separate (+) & (-)
wire direct from battery posts.

The Diamond Trunk mount K400 is grounded good. I
soldered a ¾ inch braided wire to a metal strip that I
inserted under the K400. The strip is securely held by
the 4 allen screws. The braided wire is bolted on the
trunk and rear deck of my sedan. Bullet proof
grounding.

KC2EKV@...

---
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 13657. Re: [FT100] AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 23:00:13 UTC
From: K4IA@arrl.net
Topic: 13649  Message: 13657

Sounds to me like a short in the coax. Did you do a DC resistance check? Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13658. No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-19 23:34:23 UTC
From: bob/AB9EE
Topic: 13658  Message: 13658

I have a new ft100d purchased a month ago. Has the mods done. I cannot recieve wfm stations All i get is a few squeals in the fm brodcast band. Now before you ask, I have tried different locations and yesterday I went to my brothers house who also owns an ft100d and side by side his picks up wfm fine and mine wont. Any ideas? I really didnt buy the radio for this feature but was wondering if it is a clue to other possible problems. It works great on 2 meters fm and all hf bands. Bob
AB9EE

# 13659. Re: [FT100] [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 05:50:50 UTC
From: John Hansen
Topic: 13651  Message: 13659

At 03:45 PM 4/19/02 -0500, you wrote:
>How does this connect to the FT-100?
>
>I'm assuming it connects to the PC Port, but if it does do you loose the
>use of the FC-20 or did you include some form of pass-thru?
>
>Thanks
>
>-Mike

Yes it does connect to the computer port. I do not know for sure whether this would work or not, but I suspect that it could coexist with the FC-20. It would be necessary to rig up some sort of splitter cable to do this. The keypad only transmits data to the radio, it does not use the CAT data coming out of the radio. So the only pin that would be an issue is the one where data goes in. I don't know whether the FC-20 uses this pin or not... it may be that it is only using data from the radio, but I suspect it has to send a "data request" on the data in pin in order to get the radio to send data.

So I guess the answer is that, at a minimum, it would be necessary to build your own cable or build a splitter. If you decide to order a keypad and find that it does not work with the FC-20, I would refund your purchase price. On the other hand, if it does work, you could probably go into the splitter manufacturing business.... but that's another issue.

Thanks for the inquiry.

John W2FS

# 13660. Re: [FT100] Re: ATAS makes my car shake?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 03:21:49 UTC
From: cherokeeguy777@aol.com
Topic: 13623  Message: 13660

Hey WB0DUL. You live in the Springs, I live in Monument. It's a small world after all!!

# 13661. MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 12:31:02 UTC
From: Roy Ashkenaz
Topic: 13661  Message: 13661

Has anyone used this antenna with the FT-100D? Any pointers, problems, etc?

Roy Ashkenaz
K2RMA
**********
* roya@... = Roy Ashkenaz
* http://www.common-sense-inc.com
**********
* Sometimes the light at the end of the tunnel
* is really just another train headed your way - John Galt
**********

[Non-text portions of this message have been removed]

# 13662. RE: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 14:43:46 UTC
From: Tom Tishken KD4WOV
Topic: 13661  Message: 13662

I use one and it works great. just dont let birds roost on it, they tend to
get cooked fast.

-----Original Message-----
From: Roy Ashkenaz [mailto:roya@...]
Sent: Saturday, April 20, 2002 8:31 AM
To: FT100@yahoogroups.com
Subject: [FT100] MFJ 1788 Hi-Q Loop Antenna

Has anyone used this antenna with the FT-100D? Any pointers, problems, etc?

Roy Ashkenaz
K2RMA
**********
* roya@... = Roy Ashkenaz
* http://www.common-sense-inc.com
**********
* Sometimes the light at the end of the tunnel
* is really just another train headed your way - John Galt
**********

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 13663. Re: [FT100] [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 19:14:58 UTC
From: John Hansen
Topic: 13651  Message: 13663

I picked up my Yaesu manual today and I think I may have a better answer to your question. The ACC jack on both the FT-100 and the FT-817 perform a variety of functions (I guess this is one of the things that makes the radios so small). My keypad uses only the pin that sends data to the computer port on the radio (plus ground). My guess is that the antenna tuners that plug into this jack are using the band data pin. If you are using an accessory that takes one of the other pins (like band data, or PTT or whatever) I'm virtually certain that there will be no conflict between these devices and the keypad. The only problem is that you would have to do some surgery on the cable that plugs into the ACC jack. The cable that I supply brings out wires for all of the pins on this jack. I use the ones for data in and ground (ground could obviously be shared) but the rest are trimmed at the keypad connector. Thus you could make use of those wires at that point.

One other thing that may be of interest. The pin-outs for the CAT interface in the FT-100 manual are wrong. The data in and data out pins have been reversed. Interestingly enough, the same thing is true on the manual for my FT-736. My guess is that this happened as a result of a language translation problem. This problem cost me a fair amount of money because I mistakenly believed I'd damaged Pres Waterman's radio and sent it to Yaesu for repair. I have not checked the accuracy of the other pinouts for this jack, but I would no longer assume that the manual is necessarily correct!

John W2FS

PS. I should have mentioned in my previous e-mail that I'm deeply indebted to Pres for lending me his FT-100 so I could design this keypad. In addition, Pres has spent a fair amount of time on beta-testing and providing me with a detailed bandplan for automatic mode switching. Without his assistance this project would either have been very much delayed or might have never been completed at all. Thanks, Pres!

At 03:45 PM 4/19/02 -0500, Michael A. Waldron wrote:
>How does this connect to the FT-100?
>
>I'm assuming it connects to the PC Port, but if it does do you loose the
>use of the FC-20 or did you include some form of pass-thru?
>
>Thanks
>
>-Mike

# 13664. low rx audio on fm mode all bands

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 19:15:20 UTC
From: kb9umbb
Topic: 13664  Message: 13664

I am having trouble with receive audio on all bands in fm mode. I saw this on a previous post. Anyone find a fix? This is what i know.
Not squelch tone
Not DCS
Not attenuated by a tuner.

# 13665. does the ATAS use the band data pigtail?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 19:44:29 UTC
From: jondickason
Topic: 13665  Message: 13665

Hi all. I just got a used ft-100 and ATAS-100. page 31 of my manual says the band data pigtail is used for the fc20 or ATAS. I think this is an error, but I didn't get any docs with the antenna, and no cable to somehow connect this pigtail to it.

I haven't gotten the antenna motor to activate yet, but haven't finished grounding everything yet. I also receive lousy on HF so far. It says it's tuning and transmit comes on for a minute, but no motion. If I put a voltmeter at the antenna output should I read the DC voltage that powers the antenna?

Thanks and 73
N2JAC

# 13666. Re: [FT100] [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 21:48:14 UTC
From: Pres Waterman
Topic: 13651  Message: 13666

> How does this connect to the FT-100?
>
> I'm assuming it connects to the PC Port, but if it does do you loose the
> use of the FC-20 or did you include some form of pass-thru?

I'll answer this as John may not be familiar with the FC-20.

Yes, it connects to the same "ACC" port as other CAT-controlled devices. So, yes, a choice must be made between the QSY'er ( or any CAT device ) and the FC-20 antenna tuner.

Actually, I refer to the FC-20 as an antenna "trimmer"... it does not have the range that other, non-integrated but fully automatic antenna tuners have. Bottom line, consider another tuner, if possible, like the LDG, for other reasons as well as the CAT conundrum mentioned above.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13667. Re: [FT100] [AD] Now Available: Direct Frequency Entry KeyPad for Yaesu/ICOM Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 23:10:31 UTC
From: Pres Waterman
Topic: 13651  Message: 13667

> 
> PS. I should have mentioned in my previous e-mail that I'm deeply indebted
> to Pres for lending me his FT-100 so I could design this keypad. In
> addition, Pres has spent a fair amount of time on beta-testing and
> providing me with a detailed bandplan for automatic mode
> switching. Without his assistance this project would either have been
very
> much delayed or might have never been completed at all. Thanks, Pres!

How kind of you to say!

BTW, I had said earlier that maybe John was not familiar with the shared CAT
problem mentioned before... Uh, John seems VERY familiar with the problem.
No disrespect intended.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13668. Re: does the ATAS use the band data pigtail?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 23:21:34 UTC
From: w1pa
Topic: 13665  Message: 13668

--- In FT100@y..., "jondickason" <jondickason@y...> wrote:
> Hi all. I just got a used ft-100 and ATAS-100. page 31 of my
manual
> says the band data pigtail is used for the fc20 or ATAS. I think
this
> is an error, but I didn't get any docs with the antenna, and no
cable
> to somehow connect this pigtail to it.
>

The ATAS does not use the pigtail.

> I haven't gotten the antenna motor to activate yet, but haven't
> finished grounding everything yet. I also receive lousy on HF so
far.

Good ground at antenna and rig is _very_ important.

> It says it's tuning and transmit comes on for a minute, but no
> motion.

There is a menu setting on the FT100 that has to be set to tell it you have an ATAS, and whether you want to use it for HF only, or HF and V/UHF. Depending on how old the FT100, the manual may actually be wrong about the setting. I would recommend reading through Lee's FAQ.

http://www.k0lee.com/ft100faq.html

If I put a voltmeter at the antenna output should I read the
> DC voltage that powers the antenna?

12V going one way, 8V going the other. You should also be able to move the antenna by manual tuning: Put the rig in SSB mode, press and hold the mic PTT in, and press and hold the Up and Down keys on the faceplate (NOT on the mic). The antenna should move in that mode.

Report back your results, and if still no go, I can walk you through a check of the ATAS.

Bill
W1PA

# 13669. Re: [FT100] No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 23:48:52 UTC
From: Pres Waterman
Topic: 13658  Message: 13669

> I have a new ft100d purchased a month ago. Has the mods done. I cannot
> recieve wfm stations All i get is a few squeals in the fm brodcast band.
Now
> before you ask, I have tried different locations and yesterday I went to
my
> brothers house who also owns an ft100d and side by side his picks up wfm
> fine and mine wont. Any ideas? I really didnt buy the radio for this
feature
>

When you cycle through the MODE button, as you get to FM press-n-hold the
mode button and I think it will change to WFM: Wide FM, needed to receive FM
BCB.

If not, that's all the ideas I have :)

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13670. Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 00:13:45 UTC
From: Peter van Daalen
Topic: 13661  Message: 13670

I am about to buy such a small 7-21 Mhz hiQ loop.
But, with respect to the price out here ( over USD 600 !, is it worth this money ? ) I have a few questions ( I know a bit of the small loop theory ).

1. Does it make sense to mount it elevatable ( from horizontal to vertical with an AzEl rotor ) ?
2. If I will use the horizontal radiation ( with a 15 degr. tilt ) , but cannot mount the loop more than 10' above the flat roof of the building with [concrete] reinforcing steel " ground "..! ), how badly will the horizontal radiation be deteriorated by this " ground " ?
3. Is the Q of such a small ( motorized tuned ) loop ( 38" diam ) high enough to replace a preselector ?
4 Could somebody give me an idea of the -3db bandwith and skirtshape of this small loop ?

I'm grateful for any help.

Peter, PE1ECM

-----Oorspronkelijk bericht-----
Van: Tom Tishken KD4WOV <kd4wov@...>
Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
Datum: zaterdag 20 april 2002 16:46
Onderwerp: RE: [FT100] MFJ 1788 Hi-Q Loop Antenna

>I use one and it works great. just dont let birds roost on it, they tend to
>get cooked fast.
>
>-----Original Message-----
>From: Roy Ashkenaz [mailto:roya@...]
>Sent: Saturday, April 20, 2002 8:31 AM
>To: FT100@yahoogroups.com
>Subject: [FT100] MFJ 1788 Hi-Q Loop Antenna
>
>
>Has anyone used this antenna with the FT-100D? Any pointers, problems, etc?
>
>Roy Ashkenaz
>K2RMA
>************************************************************
>* roya@... = Roy Ashkenaz
>* http://www.common-sense-inc.com
>************************************************************
>* Sometimes the light at the end of the tunnel
>* is really just another train headed your way - John Galt
>************************************************************

>
>[Non-text portions of this message have been removed]
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 13671. Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 00:20:32 UTC
From: Peter van Daalen
Topic: 13661  Message: 13671

Sorry I didn't remove those repeated foottexts....too late now....
Peter, PE1ECM

# 13672. Re: [FT100] No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 02:10:44 UTC
From: bob/AB9EE
Topic: 13658  Message: 13672

yes I understand the difference between wbfm and narrow band and i made sure it was set on wide band but to no avail.
AB9EE

[Non-text portions of this message have been removed]

# 13673. Re: LF monitoring

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 02:40:32 UTC
From: n9cv
Topic: 13649  Message: 13673

These are aviation NDBs (Non-Directional Beacons). They are low power navigational beacons used for non-precision approaches at low traffic airports.

NDBS are also commonly co-located at the outer marker (approximately 5 miles out) on an ILS (Instrument Landing System). An ILS is a precision approach used at medium and high traffic airports.

Most of the time they only transmit a two-character CW identifier. The one at my airport (KVPZ) transmits a CW VP on 212 kc and is located on the ILS for our runway 27. Larger airports may have more than on NDB.

At selected airports there are AM broadcasts of ATIS (Automatic Terminal Information Service) that can include current local weather and airport operational information, or aviation NOTAMs (Notices to Airmen).

Years ago NDBs were also used for enroute navigation in the US lower 48. The enroute NDBs are much higher power and more easily heard. I still see enroute high power NDBs used in Canada, Alaska, and New Zealand. Enroute NDBs are also still in use in most other countries of the world. Other than one at your local airports the enroute NDBs are the ones you are most likely to hear.

I have a US NDB listing in handbook form. Because of it's size it is
almost impossible to put on a copier. NDBs are also shown on US aviation approach plates, enroute charts, and sectionals. NDBs are also stored in my aviation GPS. Unfortunately I have no easy to convert any of these to electronic form. I'll look around and see if I can find a US NDB listing anywhere in electronic form or on the Internet. I assume you want them sorted by frequency rather than by location.

As a side note, the US Air Force plane that crashed in Bosnia killing Ron Brown (the US Secretary of Commerce) was shooting a dual NDB approach. He missed the airport and hit the mountain instead.

This is really off topic of the FT-100. If you want any additional information contact me direct. If I find any electronic listing I will send it directly to you.

Ken Burton - N9CV

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I built up a 500 kHz low pass filter, stuck it in front of the

> FT-100D and snooped around last night. Heard about ten different
CW
> identifying stations such as AK, SF, MOG, etc beteen about 278 KHz
> and 400 kHz. I believe those are navigational beacons. Can
anybody
> point me to a website that lists the frequency and location for
some
> of these nav stations?
> thanks
> Chas N6AF

# 13674. RE: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 03:45:04 UTC
From: Tom Tishken KD4WOV
Topic: 13661  Message: 13674

I use mine mounted vertically (standing on end) about 4' off the ground.
Actually I have the 10 - 30 MHz version. But at 4' off the ground it is with
in 1 S Unit of my 20 meter 1/2 wave dipole that is mounted at 20'.

If you are going to be below 20' they recommend mounting it vertical.

# 13675. Re: [FT100] No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-20 06:00:21 UTC
From: Peter
Topic: 13658  Message: 13675

Hi Bob,

1. Tune to a frequency with a local radio station in the broadcast band
2. Push MODE until you see FM in the display
3. Push and HOLD the MODE button until the readout in the display changes from FM to WFM

This is the same as switching from LSB to USB.

73s, Peter
----- Original Message -----
From: bob/AB9EE
To: FT100@yahoogroups.com
Sent: Saturday, April 20, 2002 1:34 AM
Subject: [FT100] No wfm?

I have a new ft100d purchased a month ago. Has the mods done. I cannot recieve wfm stations All i get is a few squeals in the fm brodcast band. Now before you ask, I have tried different locations and yesterday I went to my brothers house who also owns an ft100d and side by side his picks up wfm fine and mine wont. Any ideas? I really didnt buy the radio for this feature but was wondering if it is a clue to other possible problems. It works great on 2 meters fm and all hf bands. Bob
AB9EE

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---
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[Non-text portions of this message have been removed]

# 13676. Re: LF monitoring

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 06:21:54 UTC
From: n9cv
Topic: 13649  Message: 13676

Go to http://www.airnav.com/navaids/
You can request the information you want one entry at a time.

Also you can go to http://frodo.bruderhof.com/ka2qpg/
There you can download three files called "frequency" or "identifier"
or "geographic name". These are the US NDBs sorted three diffferent
ways.

Ken - N9CV

-- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I built up a 500 kHz low pass filter, stuck it in front of the
> FT-100D and snooped around last night. Heard about ten different
CW
> identifying stations such as AK, SF, MOG, etc beteen about 278 KHz
> and 400 kHz. I believe those are navigational beacons. Can
anybody
> point me to a website that lists the frequency and location for
some
> of these nav stations?
> thanks
> Chas N6AF

# 13677. Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 13:34:25 UTC
From: Peter van Daalen
Topic: 13661  Message: 13677

Thank you Tom for your helpful reply.
Would it be worth the USD 600 to you ?
Do you know another OM ( using this loop ) who has experience with
horizontal mounting ?
And with the skirtsteepness when in tune ?
Peter, PE1ECM.

>I use mine mounted vertically (standing on end) about 4' off the ground.
>Actually I have the 10 - 30 MHz version. But at 4' off the ground it is
with
>in 1 S Unit of my 20 meter 1/2 wave dipole that is mounted at 20'.
>
>If you are going to be below 20' they recommend mounting it vertical.
>
>

# 13678. Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 13:53:52 UTC
From: alpha
Topic: 13661  Message: 13678

hi

looking in cataloge, 1788 shows as $ 389.99 ... where
do u buy them for 600 usd ??? gulden perhaps ??

peter verhaagen, n6bxz ft worth.
--- Peter van Daalen <vandaalen@...> wrote:
> Thank you Tom for your helpful reply.
> Would it be worth the USD 600 to you ?
> Do you know another OM ( using this loop ) who has
> experience with
> horizontal mounting ?
> And with the skirtsteepness when in tune ?
> Peter, PE1ECM.
>
>
> >I use mine mounted vertically (standing on end)
> about 4' off the ground.
> >Actually I have the 10 - 30 MHz version. But at 4'
> off the ground it is
> with
> >in 1 S Unit of my 20 meter 1/2 wave dipole that is
> mounted at 20'.
> >
> >If you are going to be below 20' they recommend
> mounting it vertical.
> >
> >
>
>
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>
> We are all a part of this Lets make it as good as
> possible.
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---
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# 13679. Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 16:33:53 UTC
From: Peter van Daalen
Topic: 13661  Message: 13679

Hi Peter,

MFJ quotes USD 430 on their site.
In Holland I'll have to pay EU 703 ~ USD 608 indeed !
( I guess shipment/insurance, importduties, VAT etc. raises the USA price noticeably).
Or does my outlet try to become a millionaire overnight ?

Too bad for me, I'll have to pay over USD 600....
( BTW : when you happen to come over to PAland please take one for me with you...:-)

Peter, PE1ECM
Amsterdam, Netherlands.

hi

looking in cataloge, 1788 shows as $ 389.99 ... where
do u buy them for 600 usd ??? gulden perhaps ??

peter verhaagen, n6bxz ft worth.
--- Peter van Daalen <vandaalen@...> wrote:
> Thank you Tom for your helpful reply.
> Would it be worth the USD 600 to you ?
> Do you know another OM ( using this loop ) who has
> experience with
> horizontal mounting ?
> And with the skirtsteepness when in tune ?
> Peter, PE1ECM.
>

[Non-text portions of this message have been removed]

# 13680. Re: Courtesy call (Battery voltage)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 19:18:14 UTC
From: pjkl3
Topic: 13642  Message: 13680

Whoa, wait a minute. I thought the radio/ATAS combo needed 13.8v (or close to it) to operate properly. That's why I only operate with the car running.

--- In FT100@y..., kevin <kpaus135@y...> wrote:
> I have a F350 Diesel with two batterys and I connected
> it directly to one battary and it works great.
>
> _____
> Do You Yahoo!?
> Yahoo! Tax Center - online filing with TurboTax
> http://taxes.yahoo.com/

# 13681. Broken or Parts Sets

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 19:48:30 UTC
From: J. Craswell
Topic: 13681  Message: 13681

I'm interested in broken FT-100s or 100Ds. If you have a unit that has been zapped and would like to collect the insurance and unload the remains I might be interested in taking it off your hands.

73 de Jay Craswell W0VNE

# 13682. Re: [FT100] Broken or Parts Sets

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 22:34:36 UTC
From: Jim Dawson
Topic: 13681  Message: 13682

I have a broken FT-100, no lightning strike, it just stopped working.
I'm going to put it on Ebay tonight. No receive or transmit. You can
hear noise on either, I don't remember which, HF or VHF, when you
break the squelch.

Let me know soon if you're interested and how much you are willing
to pay for it. I have the manual, microphone, power cord and box, but
no styrofoam insert for the box.

Jim Dawson - K9DD

----- Original Message -----
From: "J. Craswell" <jay@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, April 21, 2002 2:48 PM
Subject: [FT100] Broken or Parts Sets

> I'm interested in broken FT-100s or 100Ds. If you have a unit that has been
> zapped and would like to collect the insurance and unload the remains I
> might be interested in taking it off your hands.
>
> 73 de Jay Craswell W0VNE
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

# 13683. Re: [FT100] Re: Courtesy call (Battery voltage)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-21 23:02:08 UTC
From: bob/AB9EE
Topic: 13642  Message: 13683

the battery volatage is still the same no matter which battery its hooked to as they are hooked in parallel in an F350 I know I have one too! And its reallly quiet since there is no ignition noise.

AB9EE

[Non-text portions of this message have been removed]

# 13684. Re: does the ATAS use the band data pigtail?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 13:00:15 UTC
From: kk5yy
Topic: 13665  Message: 13684

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "jondickason" <jondickason@y...> wrote:
> > Hi all. I just got a used ft-100 and ATAS-100. page 31 of my
> manual
> > says the band data pigtail is used for the fc20 or ATAS. I think
> this
> > is an error, but I didn't get any docs with the antenna, and no
> cable
> > to somehow connect this pigtail to it.
> >
>
> The ATAS does not use the pigtail.
>
>
> > I haven't gotten the antenna motor to activate yet, but haven't
> > finished grounding everything yet. I also receive lousy on HF so
> far.

This is the real clue look for a cold solder joint on the coax.
Since the DC feed to the ATAS is via the coax it isn't going to
work with a bad connection. Louse reception also sounds like a
coax problem. Grounding while important will not make up for a
bad coax.

Jerry who has used hundreds of miles of coax.

>
> Good ground at antenna and rig is _very_ important.
>
> > It says it's tuning and transmit comes on for a minute, but no
> > motion.
>
> There is a menu setting on the FT100 that has to be set to tell it
> you have an ATAS, and whether you want to use it for HF only, or HF
> and V/UHF. Depending on how old the FT100, the manual may actually
be
> wrong about the setting. I would recommend reading through Lee's
FAQ.
>
> http://www.k0lee.com/ft100faq.html

Do this real good information/

>
> If I put a voltmeter at the antenna output should I read the
> > DC voltage that powers the antenna?

Yup you sure should. While measure wiggle the cable you might
just find your probelm.

>
> 12V going one way, 8V going the other. You should also be able to
> move the antenna by manual tuning: Put the rig in SSB mode, press
> and hold the mic PTT in, and press and hold the Up and Down keys
on
> the faceplate (NOT on the mic). The antenna should move in that
mode.
>
> Report back your results, and if still no go, I can walk you
through
> a check of the ATAS.
>
> Bill
> W1PA

# 13685. RE: [FT100] Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 15:58:24 UTC
From: Alvin M. Norris
Topic: 13650  Message: 13685

I had the same problem with the recieve audio around the first of the year. I called yaseu and asked if I should try a specific reset. The said yes I should and that I should have read my manual instead of calling them. Before I could do the reset the radio healed itself, which bothers me because I still don't know what the problem is or was. I had suggestions like checking to see if it was in wfm or checking the speaker. But again it straightened up before I could check everything out. If you do find out what the problem is , Please post it Alvin Norris
-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Friday, April 19, 2002 1:51 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Low RX Volume on 2m

> Recently, I've noticed that the RX audio on the 2m band has gotten low and
> the volume control needs to be set to maximum in order for me to hear it.
> Is this a known problem and, if so, can it be solved by fiddling with the
IF
> gain settings in the second menu set or does it need to be sent back for
> servicing?

1 Are you talking about SSB or FM? FM low audio on one band would suggest
a tone-squelch set by mistake. SSB low may indicate another problem, as you
suggest maybe an IF gain setting. But how did it go wrong? See below:

2 In either case, alignment is almost NEVER a repair technique. Alignment
settings don't usually "slip" although with software alignments being used these days it IS theoretically possible that the data got corrupted in the radio. Alignment is useful for after a component repair is done, of if you have a friend with a very elaborate service generator and you want to make it more perfect than the factory banged it out at.

No, I suspect a failure of some sort.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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[Non-text portions of this message have been removed]

# 13686. Re: LF monitoring

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 16:39:23 UTC
From: backhoefade
Topic: 13649  Message: 13686

Thanks for the info. One of the other guys gave me a URL with a pile of NDBs. If you find more let me know. The April QST article for a LF upconverter sparked my interest. So I built up a simple low pass filter with a cut off around 400 kHz and stuck it on the 100D. Heard a few stations.

Years ago I built an upconverter and a little transmitter for 172 kHz. Tried and tried to talk across town (about 4 miles) to a Ham buddy but no luck. About the best I could do was a few hundred feet. Now things would be different. Didn't know how to approach the antenna matching issue back then, but it was still pretty interesting to be transmitting down there among the power line harmonics. If I ever pursue this I'll set up a decent antenna system, and probably get about 0.5 mW ERP!

73's
N6AF Chas

--- In FT100@y..., "n9cv" <kgb1@n...> wrote:
> These are aviation NDBs (Non-Directional Beacons). They are low
> power navigational beacons used for non-precision approaches at low
> traffic airports.

# 13687. Re: No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 16:50:36 UTC
From: backhoefade
Topic: 13658  Message: 13687

Looking at the schematic in the Service Manual one can see that the receive IF signal is steered through an L-C type filter when operating in FM mode. (That L-C filter is used when operating AM if you haven't installed the 6 kHz filter).

You might want to step through all the settings in your brother's rig and compare it to yours. Maybe one of of the filter selections is set up incorrectly.

N6AF Chas

--- In FT100@y..., "Peter" <p1611p@g...> wrote:
> Hi Bob,
>
> 1. Tune to a frequency with a local radio station in the broadcast band
> 2. Push MODE until you see FM in the display
> 3. Push and HOLD the MODE button until the readout in the display changes from FM to WFM
>
> This is the same as switching from LSB to USB.
>
> 73s, Peter
> ----- Original Message -----
> From: bob/AB9EE
> To: FT100@y...
> Sent: Saturday, April 20, 2002 1:34 AM
> Subject: [FT100] No wfm?
>
>
> I have a new ft100d purchased a month ago. Has the mods done. I cannot
> recieve wfm stations All i get is a few squeals in the fm brodcast band. Now
> before you ask, I have tried different locations and yesterday I went to my
> brothers house who also owns an ft100d and side by side his picks up wfm
> fine and mine wont. Any ideas? I really didnt buy the radio for this feature
> but was wondering if it is a clue to other possible problems. It works great
> on 2 meters fm and all hf bands. Bob
> AB9EE
>
>

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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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> This e-mail was scanned with AVG virusscanner and it is free of
any virus.
> Überprüft durch AVG Antivirus System (http://www.grisoft.com/de).
> Version: 6.0.323 / Virendatenbank: 180 - Erstellungsdatum:
08.02.2002
>
>
> [Non-text portions of this message have been removed]

# 13688. Re: Broken or Parts Sets

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 16:55:18 UTC
From: backhoefade
Topic: 13681  Message: 13688

Do you still have the dead unit?
I'm interested.
N6AF Chas

--- In FT100@y..., "Jim Dawson" <jdawson@j...> wrote:
> I have a broken FT-100, no lightning strike, it just stopped
working.
> I'm going to put it on Ebay tonight. No receive or transmit. You can
> hear noise on either, I don't remember which, HF or VHF, when you
> break the squelch.
>
> Let me know soon if you're interested and how much you are willing
> to pay for it. I have the manual, microphone, power cord and box,
but
> no styrofoam insert for the box.
>
> Jim Dawson - K9DD
>
> ----- Original Message -----
> From: "J. Craswell" <jay@i...>
> To: <FT100@y...>
> Sent: Sunday, April 21, 2002 2:48 PM
> Subject: [FT100] Broken or Parts Sets
>
>
> > I'm interested in broken FT-100s or 100Ds. If you have a unit
that has been
> > zapped and would like to collect the insurance and unload the
remains I
> > might be interested in taking it off your hands.
> >
> > 73 de Jay Craswell W0VNE
> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> >
> >
> >
> >

# 13689. Re: [FT100] AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 19:04:54 UTC
From: Tabby Francisco
Topic: 13649  Message: 13689

Thanks guys! I actually called Yaesu Technical Support last Friday. I was put on hold for only about 2 minutes. Not bad. I gave them the setup and what I was experiencing. The tech person immediately said a shorted coax. Never thought a shorted coax, as it was a new coax that came with the new Diamond K400c. After testing with my VOM, Yup, it's shorted alright. The short was at the pl-259 side. Brought it back to HRO and they replaced it. Good. kc2ekv/6 p.s. thought it was the radio as we had too much talk about factory defects on the radio, that I immediately blamed the radio. --- K4IA@... wrote: > Sounds to me like a short in the coax. Did you do a > DC resistance check? > > Radio K4IA > Craig "Buck" > Fredericksburg, Virginia USA > QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 > K1 #470 K2 #2460 > fpQRP #442 QRP ARCI #2550 > ---------- > For cheap long distance, 800#s and more > > Tune to HREF="http://www.ld.net/?bucksavers">http://www.ld.net/?bucksavers > 4.9 cents/min - no monthly fees > > > [Non-text portions of this message have been > removed] > > _____ Do You Yahoo!? Yahoo! Games - play chess, backgammon, pool and more http://games.yahoo.com/

# 13690. Re: [FT100] Digest Number 1192

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 22:34:38 UTC
From: Dan K Nelson
Topic: 13690  Message: 13690

It sounds like a shorted feedline and/or coax connector. Try putting a dummy load on instead of the ATAS and see if you get the same error...

73 de W6DKN

---

Message: 19
Date: Fri, 19 Apr 2002 13:45:22 -0700 (PDT)
From: Tabby Francisco <kc2ekv@...>
Subject: AntErr with ATAS100 when TUN is pressed.

Help!
Whenever I press TUN I get the AntErr message. What's wrong?

I read the manual. It never mentioned what the message meant when an ATAS-100 is connected.

The ATAS-100 once tuned under the following condition:
- Only the center conductor was connected from the pig tail to the coax leading to ATAS100.
- Radio not grounded (radio lying down on trunk).
- Menu 61 = ATAS-2

When the pig tail is securely connected I hear nothing. When only the center conductor is connected, I hear normal noise or reception. Can anyone explain why? Looks like its better when only the center conductor is connected.

Radio is powered with a 10gauge separate (+) & (-) wire direct from battery posts.

The Diamond Trunk mount K400 is grounded good. I soldered a ¾ inch braided wire to a metal strip that I inserted under the K400. The strip is securely held by the 4 allen screws. The braided wire is bolted on the trunk and rear deck of my sedan. Bullet proof grounding.

KC2EKV@yahoo.com

---

# 13691. Re: DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 23:07:45 UTC
From: gregkernaghan
Topic: 12105  Message: 13691

dear Bill

did you ever get that list together?

i need a swr/power meter and don't know where to turn.

thanks in advance and best wishes

greg kernaghan
vk2vgk

p.s. i'm using the fc20 antenna tuner, not the atas... but same problem i believe.

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> Does anyone have a list of accessories (power/swr meters, tuners,
> diplexors, etc.) that provide a DC path for the ATAS to work?
>
> If not, send me manufacturer and model numbers (directly, not through
> the list) and I will compile and post.
>
> Bill
> W1PA

# 13692. Re: [FT100] Re: No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 02:16:34 UTC
From: Alex Turner
Topic: 13658  Message: 13692

Chas, where did you get your service manual for the FT-100 from Yaesu ? I would like to get one. Thanks

Alex N4BYJ
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Monday, April 22, 2002 12:50 PM
Subject: [FT100] Re: No wfm?

Looking at the schematic in the Service Manual one can see that the receive IF signal is steered through an L-C type filter when operating in FM mode. (That L-C filter is used when operating AM

[Non-text portions of this message have been removed]

# 13693. Re: [FT100] AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-22 21:40:10 UTC
From: Mike May
Topic: 13649 Message: 13693

Diamond must be having real crummy quality control. I bought a Diamond universal mount for my 4-runner along with the 13 foot of mini 50 ohm coax/uhf base adapter to adapt to my 6 meter antenna on Saturday at HRO and I found the center conductor on the mini UHF female plug end was intermittent. I spent about half an hour of troubleshooting it, you know the routine moving it from the rear hatchback to the front hood and then back several times, all which by the way is bonded with braid, all of the time continuously swearing at the darn FT100D then I finally borrowed a DVM and confirmed that the center conductor on the crappola Diamond mount was intermittent. Once the open coax is repaired the FT-100D works excellent, just like it did on my other car. Mike WB8VLC/7 Tabby Francisco wrote: > Thanks guys! > I actually called Yaesu Technical Support last Friday. > I was put on hold for only about 2 minutes. Not bad. > > I gave them the setup and what I was experiencing. The > tech person immediately said a shorted coax. > > Never thought a shorted coax, as it was a new coax > that came with the new Diamond K400c. After testing > with my VOM, Yup, it's shorted alright. The short was > at the pl-259 side. > Brought it back to HRO and they replaced it. Good. > > kc2ekv/6 > > p.s. thought it was the radio as we had too much talk > about factory defects on the radio, that I immediately > blamed the radio. > > > --- K4IA@... wrote: > > Sounds to me like a short in the coax. Did you do a > > DC resistance check? > > > > Radio K4IA > > Craig "Buck" > > Fredericksburg, Virginia USA > > QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 > > K1 #470 K2 #2460 > > fpQRP #442 QRP ARCI #2550 > > ---------- > > For cheap long distance, 800#s and more > > > > Tune to > > HREF="http://www.ld.net/?bucksavers">http://www.ld.net/?bucksavers > > > 4.9 cents/min - no monthly fees > > > > > > [Non-text portions of this message have been > > removed] > > > > > > > _____ > Do You Yahoo!? > Yahoo! Games - play chess, backgammon, pool and more > http://games.yahoo.com/ > > Yahoo! Groups Sponsor ADVERTISEMENT > > Post message: FT100@yahoogroups.com > Subscribe: FT100-subscribe@yahoogroups.com > Unsubscribe: FT100-unsubscribe@yahoogroups.com > List owner: FT100-owner@yahoogroups.com > FAQ on WWW: http://www.k0lee.com/ft100faq.html > > We are all a part of this Lets make it as good as possible. > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service. -- THIS EMAIL AND ANY ATTACHED FILES ARE CONFIDENTIAL AND MAY BE LEGALLY PRIVILEGED. If you are not the addressee, any disclosure, reproduction, copying, distribution or other dissemination or use of this communication is strictly prohibited. If you have received this message in error, please notify the sender immediately and then delete this email. It is the policy of Wulfsberg Electronics Division that no legally binding statements, representations or commitments (collectively statements) may be made by email. Any such statements must be confirmed either by facsimile transmission or by mail before they will have legal effect. The sender of this email is not authorized to commit the company in any way and the addressee is hereby formally notified of that fact. [Wulfsberg Electronics Division; Prescott, Arizona USA] [Non-text portions of this message have been removed]

# 13694. Re: DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 03:39:11 UTC
From: w1pa
Topic: 12105  Message: 13694

Didn't get a single reply. Sorry.

Bill
W1PA

--- In FT100@y..., "gregkernaghan" <gk@b...> wrote:
>
> dear Bill
>
> did you ever get that list together?
>
> i need a swr/power meter and don't know where to turn.
>
> thanks in advance and best wishes
>
> greg kernaghan
> vk2vgk
>
> p.s. i'm using the fc20 antenna tuner, not the atas... but same
> problem i believe.
>
>
>
>
> --- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> > Does anyone have a list of accessories (power/swr meters, tuners,
> > diplexors, etc.) that provide a DC path for the ATAS to work?
> >
> > If not, send me manufacturer and model numbers (directly, not
> through
> > the list) and I will compile and post.
> >
> > Bill
> > W1PA

# 13695. Re: Never assume

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 04:48:26 UTC
From: ft100guy
Topic: 13619  Message: 13695

--- In FT100@y..., kb3bmt@j... wrote:
> Well, I packed up my FT-100D (Serial 1Ixxxx) and sent it to the
Yaesu
> Hospital today. It was good while it lasted. I made 400+
contacts, 33
> countries, almost 300 counties . . . all mobile. I then started
getting
> the intermittent high SWR problem and resulting power reduction.
Antenna
> tuned good (less than 1.5:1 across the band). Did the same thing
into a
> dummy load, so I figured it was time.
>
> Since I had just purchased the rig new from HRO in January '02, I
assumed
> that Yaesu had completed all the necessary mods before sending it
out for
> retail sale. My excellent results over the past couple of months
> reinforced my thinking. But then the gremlin set in.

Like I said, once the old way of grounding gives up the ghost, the problem will most certainly rear its ugly head.. Its good that you put some heavy use on it as this problem usually manifests itself later on if not from the get-go. Its pretty much related to use as the heat generated from within loosens the existing bond that the copper tape has on the center rib. So once again I will reiterate and inform those that think they have the one that doesnt need any modding, here is your proof.. Enjoy now.. Pay later.. Regards.. Richy N2ZD

# 13696. RE: [FT100] Re: DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 13:40:27 UTC
From: Eric van de Weyer
Topic: 12105  Message: 13696

Hi Greg,

Almost any SWR/Power meter should be OK as they always provide a direct path
from input to output and just sense what is going on in it RF wise.

73....Eric VK2KUR
-----Original Message-----
From: gregkernaghan [mailto:gk@...]
Sent: Tuesday, 23 April 2002 9:08 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: DC Path Accessories that work with the ATAS

dear Bill

did you ever get that list together?

i need a swr/power meter and don't know where to turn.

thanks in advance and best wishes

greg kernaghan
vk2vgk

p.s. i'm using the fc20 antenna tuner, not the atas... but same
problem i believe.

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> Does anyone have a list of accessories (power/swr meters, tuners,
> diplexors, etc.) that provide a DC path for the ATAS to work?
>
> If not, send me manufacturer and model numbers (directly, not
through
> the list) and I will compile and post.
>
> Bill
> W1PA

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[Non-text portions of this message have been removed]

# 13697. Re: [FT100] Re: No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 14:35:31 UTC
From: Pres Waterman
Topic: 13658  Message: 13697

> Chas, where did you get your service manual for the FT-100 from Yaesu ? I
> would like to get one. Thanks

As you say, "from Yaesu"... their parts dept is excellent, quick and
reasonable. 1-562-404-2700

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
Dreeeeeeeeeeeeeeewwwwwwwww!
???

# 13698. Re: [FT100] AntErr with ATAS100 when TUN is pressed.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 15:09:23 UTC
From: Pres Waterman
Topic: 13649  Message: 13698

> Diamond must be having real crummy quality control. I bought a Diamond
> universal mount for my 4-runner along with the 13 foot of mini 50 ohm
> coax/uhf base adapter to adapt to my 6 meter antenna on Saturday at HRO
> and I found the center conductor on the mini UHF female plug end was
> intermittent. I spent about half an hour of troubleshooting it, you know

I don't know if it is bad QC or bad design, I have a CQ-5M mount which uses a female UF at the mount, RG-174 ( thin ) to 5D2V ( thick ) to the rig. I have has to unscrew the 3-screw cover on the bottom of the M/UHF female socket and resolder it a few times. Now the screws are rusty to boor...:(

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
Dreeeeeeeeeeeeeeewwwwwwwww!
???

# 13699. Re: No wfm?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 16:02:51 UTC
From: backhoefade
Topic: 13658  Message: 13699

I bought mine at Ham Radio Outlet. I think it was about 35 bucks.

They may be cheaper if you buy direct from the Yaesu service center.

--- In FT100@y..., "Alex Turner" <aturner13@t...> wrote:
> Chas, where did you get your service manual for the FT-100 from
Yaesu ? I
> would like to get one. Thanks
>
> Alex N4BYJ
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Monday, April 22, 2002 12:50 PM
> Subject: [FT100] Re: No wfm?
>
>
> Looking at the schematic in the Service Manual one can see that
the
> receive IF signal is steered through an L-C type filter when
> operating in FM mode. (That L-C filter is used when operating AM
>
>
> [Non-text portions of this message have been removed]

# 13700. Re: does the ATAS use the band data pigtail?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 21:27:44 UTC
From: jondickason
Topic: 13665  Message: 13700

Thanks W6JH and the rest. I grounded the radio, the rear door (antenna is on the SUV's spare tire mount), and replaced the coax. The ATAS is now tuning with good SWR. My receive is really noisy with the engine running, and not just the usual engine noise. But now that the antenna seems ok, I'll happily play with dsp settings and what not, and probably try some noise filters on the power line. Thanks again.

73, N2JAC

--- In FT100@y..., "jondickason" <jondickason@y...> wrote:
> Hi all. I just got a used ft-100 and ATAS-100. page 31 of my manual
> says the band data pigtail is used for the fc20 or ATAS. I think this
> is an error, but I didn't get any docs with the antenna, and no cable
> to somehow connect this pigtail to it.
>
> I haven't gotten the antenna motor to activate yet, but haven't
> finished grounding everything yet. I also receive lousy on HF so far.
> It says it's tuning and transmit comes on for a minute, but no
> motion. If I put a voltmeter at the antenna output should I read the
> DC voltage that powers the antenna?
>
> Thanks and 73
> N2JAC

# 13701. Re: DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 22:05:50 UTC
From: gregkernaghan
Topic: 12105  Message: 13701

Thank Eric

I was thrown by the following comment @ eham.com :

http://www.eham.net/reviews/detail/323
KC8ROT Rating: 4/5 Jun 21, 2001 22:02 Send this review to a
friend
Could be better! Time owned: 0 to 3 months
I was looking for wattmeter for YAESU FT-100D with ATAS-100 antenna.
Since antenna has automatic tuning, it will not work with all
wattmeters. Well, I thought that YAESU works better with YAESU. I was
wrong, YS-60 has zero resistance between the center pin and the
ground. So, it completely disable automatic tuning. It has no other
disadvantages though.

What do you make of that?

gk

--- In FT100@y..., "Eric van de Weyer" <evdw@d...> wrote:
> Hi Greg,
>
> Almost any SWR/Power meter should be OK as they always provide a
direct path
> from input to output and just sense what is going on in it RF wise.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: gregkernaghan [mailto:gk@b...]
> Sent: Tuesday, 23 April 2002 9:08 AM
> To: FT100@y...
> Subject: [FT100] Re: DC Path Accessories that work with the ATAS
>
>
>
> dear Bill
>
> did you ever get that list together?
>
> i need a swr/power meter and don't know where to turn.
>
> thanks in advance and best wishes
>
> greg kernaghan
> vk2vgk
>

> p.s. i'm using the fc20 antenna tuner, not the atas... but same
> problem i believe.
>
>
>
>
> --- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> > Does anyone have a list of accessories (power/swr meters,
tuners,
> > diplexors, etc.) that provide a DC path for the ATAS to work?
> >
> > If not, send me manufacturer and model numbers (directly, not
> through
> > the list) and I will compile and post.
> >
> > Bill
> > W1PA
>
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>
>
> [Non-text portions of this message have been removed]

# 13702. FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 02:27:57 UTC
From: Kevin Burkhart
Topic: 13702  Message: 13702

I have been reading this list with interest for a while now, thanks to everyone for the thoughtful posts.

I just came upon a good deal on a new Ford Ranger. I have heard of the RFI problems that Ford has with their trucks. Does anyone have experience with using the FT100 in a new model Ranger? Any problems I need to anticipate in advance?

I would also be delighted to see photos of your Ranger install as well.

Thanks and 73,

Kevin WM0F kpb@...
(please delete the nojunk from the email address)

# 13703. Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 03:14:15 UTC
From: jose_can_u_c
Topic: 13702  Message: 13703

Kevin,

I have my FT-100D in a 2000 Ford Ranger pickup. I took some pictures a few weeks back, but I haven't made them available yet. I will try to do that in the next few days and post the URL. And I'll upload them to the YahooGroups photo area.

I haven't had any problems with mine. I used to have the ATAS100 mounted on the hood right by the drivers side, but I moved it after I had to take the antenna off for a while. In the meantime, I got a bed-toolbox made of aluminum, so I bolted a bracket with a 3/4" hole to the toolbox, behind the driver. That's where I mounted the ATAS100 and it works great. I have yet to ground the toolbox to the frame, but I have a strap to do that soon. In any case, it tunes 6, 15, and 20 meters for sure. I haven't tried the others with this new antenna location

Pictures soon!

73, Lance KJ5O

--- In FT100@y..., "Kevin Burkhart" <kpb@v...> wrote:
> I have been reading this list with interest for a while now, thanks to
> everyone for the thoughtful posts.
>
> I just came upon a good deal on a new Ford Ranger. I have heard of the RFI
> problems that Ford has with their trucks. Does anyone have experience with
> using the FT100 in a new model Ranger? Any problems I need to anticipate in
> advance?
>
> I would also be delighted to see photos of your Ranger install as well.
>
> Thanks and 73,
>
> Kevin WM0F kpb@n...
> (please delete the nojunk from the email address)

# 13704. Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 03:15:21 UTC
From: jose_can_u_c
Topic: 13702  Message: 13704

Kevin,

I have my FT-100D in a 2000 Ford Ranger pickup. I took some pictures a few weeks back, but I haven't made them available yet. I will try to do that in the next few days and post the URL. And I'll upload them to the YahooGroups photo area.

I haven't had any problems with mine. I used to have the ATAS100 mounted on the hood right by the drivers side, but I moved it after I had to take the antenna off for a while. In the meantime, I got a bed-toolbox made of aluminum, so I bolted a bracket with a 3/4" hole to the toolbox, behind the driver. That's where I mounted the ATAS100 and it works great. I have yet to ground the toolbox to the frame, but I have a strap to do that soon. In any case, it tunes 6, 15, and 20 meters for sure. I haven't tried the others with this new antenna location

Pictures soon!

73, Lance KJ5O

--- In FT100@y..., "Kevin Burkhart" <kpb@v...> wrote:
> I have been reading this list with interest for a while now, thanks to
> everyone for the thoughtful posts.
>
> I just came upon a good deal on a new Ford Ranger. I have heard of
the RFI
> problems that Ford has with their trucks. Does anyone have
experience with
> using the FT100 in a new model Ranger? Any problems I need to
anticipate in
> advance?
>
> I would also be delighted to see photos of your Ranger install as well.
>
> Thanks and 73,
>
> Kevin WM0F kpb@n...
> (please delete the nojunk from the email address)

# 13705. RE: [FT100] ATAS on 99 Suburban ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 04:33:41 UTC
From: K2TFC
Topic: 13606  Message: 13705

Jim,

94 sub owner here...

Over the passenger side rear tail light is the plastic end cover.

This end cover comes off with a few screws.

There is a vent hole where easy entry for the coax is ( again.. the little plastic diaphragm flap unscrews...

Once the end cover ( better than a foot tall )is off you see a nice hunk of metal atop the housing for the rear tail light ( passenger side ).. So here you have a nice flat mounting area to screw down to.

I mounted the semi flat part of a diamond or comet hinge style so-239 mount on it....it sticks out to the side of the trunk only 1" to 2"

the mount works great...I can take pics if ya like....

last... I got a rubber neoprene flashlight holder that slips over the base of the atas-100 below the billows.

this has a little clip that I use to clip to the almost top of the end cover once re-installed. This provide some great strain relief...the neoprene sleeve is forgiving..

only modification to the end cover is nibbling about 1/4" of the plastic of the bottom of the cover right above the protrusion of the bracket. its a very clean install.

Tom
K2TFC

-----Original Message-----
From: wb1dog [mailto:wb1dog@...]
Sent: Monday, April 15, 2002 4:19 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS on 99 Suburban ?

Looking for tips on where to install an ATAS on a 99 Suburban.
The back doors and sides of the hood seem to have an extra lip that would prevent a trunk lip mount from working ? I also am not seeing any real good places to run the coax ?

Thanks in advance.

- Jim

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# 13706. RE: [FT100] MFJ 1788 Hi-Q Loop Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 05:40:39 UTC
From: Tom Tishken KD4WOV
Topic: 13661  Message: 13706

I am assuming that by skirt steepness you are describing the bandwidth of
the antenna once tuned.

My antenna is around 20 KHz wide on 10 MHz to 40 KHz on 29 Mhz. It is quite
narrow but just a touch of the controller will tune it right back up.
according to the MFJ 259B it will tune from 9.785 MHz to 30.450 Mhz.

-----Original Message-----
From: Peter van Daalen [mailto:vandaalen@...]
Sent: Sunday, April 21, 2002 9:34 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] MFJ 1788 Hi-Q Loop Antenna

Thank you Tom for your helpful reply.
Would it be worth the USD 600 to you ?
Do you know another OM ( using this loop ) who has experience with
horizontal mounting ?
And with the skirtsteepness when in tune ?
Peter, PE1ECM.

>I use mine mounted vertically (standing on end) about 4' off the ground.
>Actually I have the 10 - 30 MHz version. But at 4' off the ground it is
with
>in 1 S Unit of my 20 meter 1/2 wave dipole that is mounted at 20'.
>
>If you are going to be below 20' they recommend mounting it vertical.
>
>

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# 13707. Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 02:10:28 UTC
From: ke7mh
Topic: 13707  Message: 13707

I have the FT 817, which I like very much. Now I am looking to buy a little hefter rig and have been looking at the FT 100D. However, I see many many notes from the over 1900 members about basic problems with the rig that ought to have been corrected by now.

So my question is this. Can someone reasonably expect to purchase a new FT100D and expect that it will work out of the box, without some of the major design propblems that have been discussed on this site?

If not then Yeasu may loose a potential customer.

Thanks in advance for any replies.

de Mike KE7MH, Western Washington.

# 13708. Re: [FT100] Re: DC Path Accessories that work with the ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 18:22:32 UTC
From: Paul Hammer/KA6CHJ
Topic: 12105  Message: 13708

Greg

I use the Diawa cn-410M cross needle mobile meter with my FT-100
It passes the 12v fine. A big advantage is that you can see the
reflected and output power and make manual adjustments as needed.
Rarely does the ATAS 100 need additional manual adjustments.
I just received a new AES catalog and they show them as
discontinued but have them in stock.

Paul
gregkernaghan wrote:
>
> dear Bill
>
> did you ever get that list together?
>
> i need a swr/power meter and don't know where to turn.
>
> thanks in advance and best wishes
>
> greg kernaghan
> vk2vgk
>
> p.s. i'm using the fc20 antenna tuner, not the atas... but same
> problem i believe.
>
> --- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> > Does anyone have a list of accessories (power/swr meters, tuners,
> > diplexors, etc.) that provide a DC path for the ATAS to work?
> >
> > If not, send me manufacturer and model numbers (directly, not
> through
> > the list) and I will compile and post.
> >
> > Bill
> > W1PA
>
>
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# 13709. Re: [FT100] Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 14:23:32 UTC
From: Dick Thompson
Topic: 13707  Message: 13709

Hi Mike,

I can understand your anxiety. I own a Yaesu FT-920 and less than a week after I bought it, I turned it on one morning and the A VFO was blinking and the receiver was dead. I did everything suggested and nothing helped. I called HRO in Denver where I purchased it the prior Saturday and they had me bring it in (I live in Colorado Springs, 65 miles south of Denver) and they replaced the unit with another one and I've not had a problem since.

I bought a Yaesu FT-100D about a month ago and have read all the same stories you have read. I, like you, was wondering if I had made the right choice for a backup HF rig and a mobile rig. Well, so far I have been very pleased with the FT-100D. It is a great little radio. I haven't had a single problem with it and if I had to do over again I'd most likely buy one again.

I think you have to do the research you are doing and then make up your mind. I did that on the 920 and the 100D. I came to the conclusion that there is no "perfect" radio anywhere in the world. One person will have problems and another won't. Kind of like cars, and they cost a helluva lot more than radios. Not only did I research the 920 and 100D, I also researched the ICOM comparable rigs as well as Kenwood entries into the market. I have held my ticket for 40 years and have owned all of them, plus Heathkits. With the thousands of radios being sold, there will always be a certain percentage that have little bugs in them. Kenwood has 'em, Icom has 'em and Yaesu has 'em.

I think only you can come to the right decision for you, but don't let a few negative comments deter you from buying the FT-100D. For it's size it packs a lot of punch. And, if you like your 817, you're going to love the 100D.

I'll be interested in hearing what you ended up buying, Mike. Happy hunting and researching.

73,

Dick
WB0DUL@...
----- Original Message -----
From: ke7mh
To: FT100@yahoogroups.com
Sent: Tuesday, April 23, 2002 8:10 PM
Subject: [FT100] Pre purchase inquirey

I have the FT 817, which I like very much. Now I am looking to buy a
little hefter rig and have been looking at the FT 100D. However, I
see many many notes from the over 1900 members about basic problems
with the rig that ought to have been corrected by now.

So my question is this. Can someone reasonably expect to purchase a
new FT100D and expect that it will work out of the box, without some

of the major design propblems that have been discussed on this site?

If not then Yeasu may loose a potential customer.

Thanks in advance for any replies.

de Mike KE7MH, Western Washington.

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13710. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 17:52:23 UTC
From: backhoefade
Topic: 13707  Message: 13710

You should expect to have to do the "fan mod" and quite likely
the "spurious oscillation" mod. Those mods are best done by Cerritos.
N6AF Chas

--- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> I have the FT 817, which I like very much. Now I am looking to buy
a
> little hefter rig and have been looking at the FT 100D. However, I
> see many many notes from the over 1900 members about basic problems
> with the rig that ought to have been corrected by now.
>
> So my question is this. Can someone reasonably expect to purchase
a
> new FT100D and expect that it will work out of the box, without
some
> of the major design propblems that have been discussed on this site?
>
> If not then Yeasu may loose a potential customer.
>
> Thanks in advance for any replies.
>
> de Mike KE7MH, Western Washington.

# 13711. Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 18:04:09 UTC
From: backhoefade
Topic: 13702  Message: 13711

I'm looking at Ford Rangers and have pretty much decided on the V6, 4 liter version. I will install the FT-100D in it.
Can you tell me what to look for in a used Ranger; other than the 4 liter engine which I believe is the best performer. Do you know if the stock alternator is sufficient to run the FT-100D. Could it handle another 80 Amps or so for an ALS-500?
N6AF Chas

--- In FT100@y..., "jose_can_u_c" <groups@b...> wrote:
> Kevin,
>
> I have my FT-100D in a 2000 Ford Ranger pickup. I took some pictures a
> few weeks back, but I haven't made them available yet. I will try to
> do that in the next few days and post the URL. And I'll upload them to
> the YahooGroups photo area.
>
> I haven't had any problems with mine. I used to have the ATAS100
> mounted on the hood right by the drivers side, but I moved it after I
> had to take the antenna off for a while. In the meantime, I got a
> bed-toolbox made of aluminum, so I bolted a bracket with a 3/4" hole
> to the toolbox, behind the driver. That's where I mounted the ATAS100
> and it works great. I have yet to ground the toolbox to the frame, but
> I have a strap to do that soon. In any case, it tunes 6, 15, and 20
> meters for sure. I haven't tried the others with this new antenna location
>
> Pictures soon!
>
> 73, Lance KJ5O
>
> --- In FT100@y..., "Kevin Burkhart" <kpb@v...> wrote:
> > I have been reading this list with interest for a while now, thanks to
> > everyone for the thoughtful posts.
> >
> > I just came upon a good deal on a new Ford Ranger. I have heard of
> the RFI
> > problems that Ford has with their trucks. Does anyone have
> experience with

> > using the FT100 in a new model Ranger? Any problems I need to
> anticipate in
> > advance?
> >
> > I would also be delighted to see photos of your Ranger install as
well.
> >
> > Thanks and 73,
> >
> > Kevin WM0F kpb@n...
> > (please delete the nojunk from the email address)

# 13712. A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 21:53:41 UTC
From: kraftwerk1976
Topic: 13712  Message: 13712

Hi, and thanks for reading this question. Okay, regarding the mic. mod., I have done it, and it was easy. Thanks to all who have written about this mod. I was wondering about the small, hard, round, plastic piece that falls out from behind the mic. I guess it is called a baffle? Anyway, I understand that, as with most things, automobile engines, computers, etc., all (or most, haha) parts are needed to make it work properly. But do I really need this baffle? Will it hurt anything if I leave it out? I have a feeling that I should just leave it there. Is this baffle used for sort of "blocking" air from when you talk or something? Sorry for such an odd question, haha. Thanks, though.

KC5QFE
Adam

# 13713. ft100d and yaesu doing mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 20:00:52 UTC
From: bfhs1051
Topic: 13713  Message: 13713

hello..advice please... should i go direct to yaesu for the 100d mods and if so what are the readers expereinces and timeframe for turn around? Thanks.

# 13714. RE: [FT100] A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 22:10:10 UTC
From: VA3FD
Topic: 13712  Message: 13714

IMHO, this baffle is simply placed there in a "noise reduction"
capacity.

Toss it. I did! ;-)

Fred VA3FD

-----Original Message-----
From: kraftwerk1976 [mailto:skyline49@...]
Sent: Wednesday, April 24, 2002 5:54 PM
To: FT100@yahoogroups.com
Subject: [FT100] A question regarding the FT-100 Mic. Mod.

Hi, and thanks for reading this question. Okay, regarding the
mic. mod., I have done it, and it was easy. Thanks to all who have
written about this mod. I was wondering about the small, hard,
round, plastic piece that falls out from behind the mic. I guess it
is called a baffle? Anyway, I understand that, as with most things,
automobile engines, computers, etc., all (or most, haha) parts are
needed to make it work properly. But do I really need this baffle?
Will it hurt anything if I leave it out? I have a feeling that I
should just leave it there. Is this baffle used for sort
of "blocking" air from when you talk or something? Sorry for such an
odd question, haha. Thanks, though.

KC5QFE
Adam

[Non-text portions of this message have been removed]

# 13715. Re: [FT100] A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 23:31:22 UTC
From: Dick Thompson
Topic: 13712  Message: 13715

Hi Adam,

Well, I did the mic mod and when I got to the baffle I left it out. I'm told by those that know my voice that the audio was much improved. That may or may not be the case with everyone. Leave it out and keep in in a desk drawer. Then, a few years from now you'll find it and ask yourself "what the hell is this?" Then you can throw it away as another pack rat thingy that was saved and you can't remember why. :)

Be sure to use a sewing needle and puch out that 3rd blocked hole.

73,

Dick
WB0DUL@...
----- Original Message -----
From: kraftwerk1976
To: FT100@yahoogroups.com
Sent: Wednesday, April 24, 2002 3:53 PM
Subject: [FT100] A question regarding the FT-100 Mic. Mod.

Hi, and thanks for reading this question. Okay, regarding the
mic. mod., I have done it, and it was easy. Thanks to all who have
written about this mod. I was wondering about the small, hard,
round, plastic piece that falls out from behind the mic. I guess it
is called a baffle? Anyway, I understand that, as with most things,
automobile engines, computers, etc., all (or most, haha) parts are
needed to make it work properly. But do I really need this baffle?
Will it hurt anything if I leave it out? I have a feeling that I
should just leave it there. Is this baffle used for sort
of "blocking" air from when you talk or something? Sorry for such an
odd question, haha. Thanks, though.

KC5QFE
Adam

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# 13716. Re: [FT100] ft100d and yaesu doing mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 23:33:22 UTC
From: Dick Thompson
Topic: 13713  Message: 13716

Why go to Yaesu with the mods if the radio is working OK. Wait until you have a problem, which may never happen. They say the turn around time is like a couple of months on the average.

73,

Dick
WB0DUL@...
----- Original Message -----
From: bfhs1051
To: FT100@yahoogroups.com
Sent: Wednesday, April 24, 2002 2:00 PM
Subject: [FT100] ft100d and yaesu doing mods?

hello..advice please... should i go direct to yaesu for the 100d mods
and if so what are the readers expereinces and timeframe for turn
around? Thanks.

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[Non-text portions of this message have been removed]

# 13717. Re: [FT100] A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 23:35:16 UTC
From: byrddawg
Topic: 13712  Message: 13717

Dick......You are truly a scholar as this is what I did! Paul, KD5KCZ

Dick Thompson wrote:

> Hi Adam,
>
> Well, I did the mic mod and when I got to the baffle I left it out.
> I'm told by those that know my voice that the audio was much
> improved. That may or may not be the case with everyone. Leave it
> out and keep in in a desk drawer. Then, a few years from now you'll
> find it and ask yourself "what the hell is this?" Then you can throw
> it away as another pack rat thingy that was saved and you can't
> remember why. :)
>
> Be sure to use a sewing needle and puch out that 3rd blocked hole.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: kraftwerk1976
> To: FT100@yahoogroups.com
> Sent: Wednesday, April 24, 2002 3:53 PM
> Subject: [FT100] A question regarding the FT-100 Mic. Mod.
>
>
> Hi, and thanks for reading this question. Okay, regarding the
> mic. mod., I have done it, and it was easy. Thanks to all who have
> written about this mod. I was wondering about the small, hard,
> round, plastic piece that falls out from behind the mic. I guess it
>
> is called a baffle? Anyway, I understand that, as with most things,
> automobile engines, computers, etc., all (or most, haha) parts are
> needed to make it work properly. But do I really need this baffle?
> Will it hurt anything if I leave it out? I have a feeling that I
> should just leave it there. Is this baffle used for sort
> of "blocking" air from when you talk or something? Sorry for such
> an
> odd question, haha. Thanks, though.
>
> KC5QFE
> Adam
>
>

> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
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>
> [Non-text portions of this message have been removed]
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>
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[Non-text portions of this message have been removed]

# 13718. Re: [FT100] A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 23:41:14 UTC
From: Dick Thompson
Topic: 13712  Message: 13718

Us genius's sure do the right thing, right Paul? It's hard to be humble when you're perfect. ROFL!!!!!!

73,

Dick
WB0DUL@...
----- Original Message -----
From: byrddawg
To: FT100@yahoogroups.com
Sent: Wednesday, April 24, 2002 5:35 PM
Subject: Re: [FT100] A question regarding the FT-100 Mic. Mod.

Dick......You are truly a scholar as this is what I did! Paul, KD5KCZ

Dick Thompson wrote:

> Hi Adam,
>
> Well, I did the mic mod and when I got to the baffle I left it out.
> I'm told by those that know my voice that the audio was much
> improved. That may or may not be the case with everyone. Leave it
> out and keep in in a desk drawer. Then, a few years from now you'll
> find it and ask yourself "what the hell is this?" Then you can throw
> it away as another pack rat thingy that was saved and you can't
> remember why. :)
>
> Be sure to use a sewing needle and puch out that 3rd blocked hole.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: kraftwerk1976
> To: FT100@yahoogroups.com
> Sent: Wednesday, April 24, 2002 3:53 PM
> Subject: [FT100] A question regarding the FT-100 Mic. Mod.
>
>
> Hi, and thanks for reading this question. Okay, regarding the
> mic. mod., I have done it, and it was easy. Thanks to all who have
> written about this mod. I was wondering about the small, hard,
> round, plastic piece that falls out from behind the mic. I guess it
>
> is called a baffle? Anyway, I understand that, as with most things,

> automobile engines, computers, etc., all (or most, haha) parts are
> needed to make it work properly. But do I really need this baffle?
> Will it hurt anything if I leave it out? I have a feeling that I
> should just leave it there. Is this baffle used for sort
> of "blocking" air from when you talk or something? Sorry for such
> an
> odd question, haha. Thanks, though.
>
> KC5QFE
> Adam
>
>
> Post message: FT100@yahoogroups.com
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>
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>
>
>
> [Non-text portions of this message have been removed]
>
>
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[Non-text portions of this message have been removed]

# 13719. Re: ft100d and yaesu doing mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 03:40:48 UTC
From: wd5dbc
Topic: 13713  Message: 13719

Hi

What country are you in? The turn around time varies by country.

hc

--- In FT100@y..., "bfhs1051" <bfhs1051@y...> wrote:
> hello..advice please... should i go direct to yaesu for the 100d
mods
> and if so what are the readers expereinces and timeframe for turn
> around? Thanks.

# 13720. Mods, Ect

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 04:25:36 UTC
From: ftbratton
Topic: 13720  Message: 13720

Mike,

I have a two year old FT-100. I sent it to Cerritos to have the SWR mod and the fan mod done. It has been perfect since then. I use it hours every day with the ATAS. I am a salesman and am in the car off and on all day every day. The ATAS is taken off the Diamond K-400 mount at least once a day due to the garage and some areas my printers are in that are prone to vandalism. No ill effects in 21/2 years.

I found a good buy on an ICOM-706MKII at the local ham store. It was used but in excellent shape. I just had to know if I liked it as well as the "100". Having no equivalent antenna to the ATAS was quite a negative, in my opinion. I kept it two weeks and found out what I should have known but had to learn for myself-------it "ain't no FT-100"!!!!!! Finally accepting the obvious, I traded it in on a second FT-100. Point being------there isn't anything out there to compare to the ATAS-FT-100 combination.
I have an Kenwood 870, Kenwood 850, Icom 746 at base and I woudn't suffer that substantially if I only had the "100". I play with it next to the others hour after hour and am shocked at how close it comes to them. In fact, the 746 hasn't got a thing over the "100". The other two certainly do but not night and day. Most of the amateur radio community out classes their antennas with radios so badly it isn't funny. I'm certainly guilty of that-----but trying to keep that in mind at my own station.
My son graduates from Syracuse in two weeks and I'm getting him one for graduation. I was going to get my girl friend one but she just bought herself an Icom 756 ProII. I guess that is the only reccomendation I can give it.
The advice to leave it alone without mods until it gives you a problem is extremely bad advice as far as I am concerned. If the mods aren't done, you will have an swr problem that can badly damage the radio and it certainly isn't going to stay cool enough if the fan doesn't come on during VHF-UHF recieve. How smart do you have to be to know what an overheated rig can do? It gets so hot you can't rest a finger on it. My original one did and the newest one did too. I did the out of band mod for AF MARS and the grounding and fan mods. They are relatively simple. Cerritos kept the first one close to if not three full months. If you aren't comfortable doing them, you shouldn't have trouble finding and "elmer" to guide you if you are in a area active with amateurs. You might be one of the fortunate ones that are ok without mods but why take a chance. I paid sixty dollars for the mod out of warranty but it did take a long while to get it back.

Hope that is of help. Good luck with your decision. This is a great support group and I'm not sure I wouldn't even advise you to take that into consideration-----we all need help and advice from time to time and if you don't get it here you aren't going to find it anywhere else------that I'll bet on!!!!!!!

Freddy
KF4ZGJ

# 13721. RE: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 05:31:14 UTC
From: Eric van de Weyer
Topic: 13707  Message: 13721

My only comment about the mods would be that if you have any reasonable technical ability, do the mods yourself. They will take you less time than it takes to pack it up and send it off and with the amount of time it seems to take in the US to get it back.....

73....Eric VK2KUR
-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, 25 April 2002 3:52 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Pre purchase inquirey

You should expect to have to do the "fan mod" and quite likely
the "spurious oscillation" mod. Those mods are best done by Cerritos.
N6AF Chas

--- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> I have the FT 817, which I like very much. Now I am looking to buy
a
> little hefter rig and have been looking at the FT 100D. However, I
> see many many notes from the over 1900 members about basic problems
> with the rig that ought to have been corrected by now.
>
> So my question is this. Can someone reasonably expect to purchase
a
> new FT100D and expect that it will work out of the box, without
some
> of the major design propblems that have been discussed on this site?
>
> If not then Yeasu may loose a potential customer.
>
> Thanks in advance for any replies.
>
> de Mike KE7MH, Western Washington.

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[Non-text portions of this message have been removed]

# 13722. Short RX Time on 2m FM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 06:20:29 UTC
From: Robin Midgett
Topic: 13722  Message: 13722

Hi,
I'm a FT-100D newbie...so far I like the rig, but I have much to learn.
One odd peculiarity I have found is that in 2m FM repeater service the rig seems to stop receiving the repeater abruptly. Tonight I IDed on a local machine, someone responded but the 100D RX shut off before the other person finished IDing, within 2-3 seconds. I know the repeater is functioning normally with a 5+ second hang time. I observed the same behavior on other 2m machines also.
On 70cm FM I did not encounter this problem.
One other question; in VFO mode I see "M" and "T" in the upper left of the display....what are they indicating?

Thanks & 73,
Robin Midgett KB4IDC
VHF+ Glutton, /Rover & fixed station EM66se

# 13723. Re: Short RX Time on 2m FM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 14:44:06 UTC
From: w1pa
Topic: 13722  Message: 13723

Tonight I IDed on a local
> machine, someone responded but the 100D RX shut off before the
other person
> finished IDing, within 2-3 seconds. I know the repeater is
functioning
> normally with a 5+ second hang time. I observed the same behavior
on other
> 2m machines also.
> On 70cm FM I did not encounter this problem.
> One other question; in VFO mode I see "M" and "T" in the upper left
of the
> display....what are they indicating?
>

What does the green LED over the main tuning knob do?
How high is your squelch setting?

Bill
W1PA

# 13724. Re: A question regarding the FT-100 Mic. Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 04:17:59 UTC
From: ft100guy
Topic: 13712  Message: 13724

--- In FT100@y..., "kraftwerk1976" <skyline49@c...> wrote:
> Hi, and thanks for reading this question. Okay, regarding the
> mic. mod., I have done it, and it was easy. Thanks to all who have
> written about this mod. I was wondering about the small, hard,
> round, plastic piece that falls out from behind the mic. I guess
it
> is called a baffle? Anyway, I understand that, as with most things,
> automobile engines, computers, etc., all (or most, haha) parts are
> needed to make it work properly. But do I really need this
baffle?
> Will it hurt anything if I leave it out? I have a feeling that I
> should just leave it there. Is this baffle used for sort
> of "blocking" air from when you talk or something? Sorry for such
an
> odd question, haha. Thanks, though.
>
> KC5QFE
> Adam

Hi Adam,

When I first posted the mod here, I did it and simply turned the baffle to make the flat end align with the holes on the mic face along with adding the third hole. Chas N6AF went one step further and tossed the baffle in the trash.. Either way it works well. I am still getting emails from hams on how well the mod works, and best of all its simple to do and requires very little know-how.. If you are afraid to discard it, simply turn it after making the hole in the mic face and align the baffle so that the three holes in the mic face have maximum exposure to the mic element.. Regards.. Richy N2ZD

# 13725. FT-100 on the fritz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 13:49:47 UTC
From: dabon8r
Topic: 13725  Message: 13725

Greetings group,

My FT-100 just went on the fritz last week. I was tuning up through my AT-11MP tuner on 18MHz when the tuner popped and something inside it fried. I took the tuner out of the line and hooked up the -100 direct to my antenna (which is resonant on all BUT 18MHz), but the -100 doesn't receive or transmit on any band, including VHF/UHF. When I move up and down from band to band, the band change relay doesn't click anymore either.

Anyone have any ideas about what I might have fried? I'd like to know if it might be something simple before shipping it off to Yaesu for repair (thank God it's still under warranty).

Thanks in advance.

David, KC0JB

# 13726. Info On MH-48 Mike

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-24 19:56:33 UTC
From: w1ksz
Topic: 13726  Message: 13726

Does anyone know if the Yaesu MH-48 mike will work with the FT-100 ?

Thanks, Dick, W1KSZ

# 13727. Re: Mods, Ect

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 15:53:48 UTC
From: backhoefade
Topic: 13720  Message: 13727

Can you tell me specifically what it was that you didn't like about
the 706, other than the fact that it doesn't have an ATAS-100 type of
antenna. (You can run the 706 with that antenna using a special
adaptor by the way).

I bought the FT-100D over the 706 for six basic reasons:

1) better front end overload performance
2) better adjacent channel rejection
3) variable bandpass filter DSP (mainly for CW but great on SSB too!)
4) better noise blanker
5) receive capability above 460 MHz
6) better "look and feel" (very qualitative but true for me)

So I was hoping you could share your experience with that 706. Was
the receiver performance relatively poor; if so, how so? Etc.

Thanks - I was considering picking up a used one to do just the same
comparison you did.

N6AF Chas

--- In FT100@y..., "ftbratton" <ftbratton@l...> wrote:
> Mike,
>
> I have a two year old FT-100. I sent it to Cerritos to have the SWR
> mod and the fan mod done. It has been perfect since then. I use it
> hours every day with the ATAS. I am a salesman and am in the car
off
> and on all day every day. The ATAS is taken off the Diamond K-400
> mount at least once a day due to the garage and some areas my
> printers are in that are prone to vandalism. No ill effects in 21/2
> years.
>
> I found a good buy on an ICOM-706MKII at the local ham store. It
was
> used but in excellent shape. I just had to know if I liked it as
well
> as the "100". Having no equivalent antenna to the ATAS was quite a
> negative, in my opinion. I kept it two weeks and found out what I
> should have known but had to learn for myself-------it "ain't no FT-
> 100"!!!!!! Finally accepting the obvious, I traded it in on a
second
> FT-100. Point being------there isn't anything out there to compare
to
> the ATAS-FT-100 combination.

> I have an Kenwood 870, Kenwood 850, Icom 746 at base and I woudn't
> suffer that substantially if I only had the "100". I play with it
> next to the others hour after hour and am shocked at how close it
> comes to them. In fact, the 746 hasn't got a thing over the "100".
> The other two certainly do but not night and day. Most of the
amateur
> radio community out classes their antennas with radios so badly it
> isn't funny. I'm certainly guilty of that-----but trying to keep
that
> in mind at my own station.
> My son graduates from Syracuse in two weeks and I'm getting him
one
> for graduation. I was going to get my girl friend one but she just
> bought herself an Icom 756 ProII. I guess that is the only
> reccomendation I can give it.
> The advice to leave it alone without mods until it gives you a
> problem is extremely bad advice as far as I am concerned. If the
mods
> aren't done, you will have an swr problem that can badly damage the
> radio and it certainly isn't going to stay cool enough if the fan
> doesn't come on during VHF-UHF recieve. How smart do you have to be
> to know what an overheated rig can do? It gets so hot you can't
rest
> a finger on it. My original one did and the newest one did too. I
did
> the out of band mod for AF MARS and the grounding and fan mods.
They
> are relatively simple. Cerritos kept the first one close to if not
> three full months. If you aren't comfortable doing them, you
> shouldn't have trouble finding and "elmer" to guide you if you are
in
> a area active with amateurs. You might be one of the fortunate ones
> that are ok without mods but why take a chance. I paid sixty
dollars
> for the mod out of warranty but it did take a long while to get it
> back.
> Hope that is of help. Good luck with your decision. This is a great
> support group and I'm not sure I wouldn't even advise you to take
> that into consideration-----we all need help and advice from time
to
> time and if you don't get it here you aren't going to find it
> anywhere else------that I'll bet on!!!!!!!
>
> Freddy
> KF4ZGJ

# 13728. Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 16:21:39 UTC
From: Jim Lasswell
Topic: 13707  Message: 13728

Hi Eric. Can you please lead me in the right direction as to find out how to do these mods. The SWR and the fan mod. I can do them myself if I knew where to go and what to do. Thanks in advance. 73 de Jim AD6DW
----- Original Message -----
From: Eric van de Weyer
To: FT100@yahoogroups.com
Sent: Wednesday, April 24, 2002 10:31 PM
Subject: RE: [FT100] Re: Pre purchase inquirey

My only comment about the mods would be that if you have any reasonable technical ability, do the mods yourself. They will take you less time than it takes to pack it up and send it off and with the amount of time it seems to take in the US to get it back.....

73....Eric VK2KUR
-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, 25 April 2002 3:52 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Pre purchase inquirey

You should expect to have to do the "fan mod" and quite likely the "spurious oscillation" mod. Those mods are best done by Cerritos.
N6AF Chas

--- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> I have the FT 817, which I like very much. Now I am looking to buy a
> little hefter rig and have been looking at the FT 100D. However, I
> see many many notes from the over 1900 members about basic problems
> with the rig that ought to have been corrected by now.
>
> So my question is this. Can someone reasonably expect to purchase a
> new FT100D and expect that it will work out of the box, without some
> of the major design propblems that have been discussed on this site?
>
> If not then Yeasu may loose a potential customer.
>
> Thanks in advance for any replies.
>
> de Mike KE7MH, Western Washington.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 13729. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 17:03:33 UTC
From: backhoefade
Topic: 13707  Message: 13729

Keep in mind that you may void your warranty if you do the mods
yourself. Your call; that's a moot point in less than a year!
Chas N6AF

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Eric. Can you please lead me in the right direction as to find
out how to do these mods. The SWR and the fan mod. I can do them
myself if I knew where to go and what to do. Thanks in advance.
73 de Jim AD6DW
> ----- Original Message -----
> From: Eric van de Weyer
> To: FT100@y...
> Sent: Wednesday, April 24, 2002 10:31 PM
> Subject: RE: [FT100] Re: Pre purchase inquirey
>
>
> My only comment about the mods would be that if you have any
reasonable
> technical ability, do the mods yourself. They will take you less
time than
> it takes to pack it up and send it off and with the amount of
time it seems
> to take in the US to get it back.........
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Thursday, 25 April 2002 3:52 AM
> To: FT100@y...
> Subject: [FT100] Re: Pre purchase inquirey
>
>
> You should expect to have to do the "fan mod" and quite likely
> the "spurious oscillation" mod. Those mods are best done by
Cerritos.
> N6AF Chas
>
>
> --- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> > I have the FT 817, which I like very much. Now I am looking
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However, I
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> > So my question is this. Can someone reasonably expect to
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> > If not then Yeasu may loose a potential customer.
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> > Thanks in advance for any replies.
> >
> > de Mike KE7MH, Western Washington.
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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> We are all a part of this Lets make it as good as possible.
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>
> [Non-text portions of this message have been removed]

# 13730. Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 19:52:46 UTC
From: jose_can_u_c
Topic: 13702  Message: 13730

I came up with a few images of my FT100D and ATAS100 installation in my 2000 Ford Ranger.

http://www.baconcheddar.org/~jlc7944/photos/ft100/

The server is not a production webserver, so it may be a bit slow at times.

73, de KJ5O Lance

--- In FT100@y..., "Kevin Burkhart" <kpb@v...> wrote:
> I have been reading this list with interest for a while now, thanks to
> everyone for the thoughtful posts.
>
> I just came upon a good deal on a new Ford Ranger. I have heard of the RFI
> problems that Ford has with their trucks. Does anyone have experience with
> using the FT100 in a new model Ranger? Any problems I need to anticipate in
> advance?
>
> I would also be delighted to see photos of your Ranger install as well.
>
> Thanks and 73,
>
> Kevin WM0F kpb@n...
> (please delete the nojunk from the email address)

# 13731. Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 20:01:29 UTC
From: Jim Lasswell
Topic: 13707  Message: 13731

My radio is around 2 years old, works great, but I think I should do the MOD thingies. I just need to know where I can find the instructions on how to do it. thanks AD6DW Jim
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, April 25, 2002 10:03 AM
Subject: [FT100] Re: Pre purchase inquirey

Keep in mind that you may void your warranty if you do the mods yourself. Your call; that's a moot point in less than a year!
Chas N6AF

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Eric. Can you please lead me in the right direction as to find out how to do these mods. The SWR and the fan mod. I can do them myself if I knew where to go and what to do. Thanks in advance.
73 de Jim AD6DW
> ----- Original Message -----
> From: Eric van de Weyer
> To: FT100@y...
> Sent: Wednesday, April 24, 2002 10:31 PM
> Subject: RE: [FT100] Re: Pre purchase inquirey
>
>
> My only comment about the mods would be that if you have any reasonable
> technical ability, do the mods yourself. They will take you less time than
> it takes to pack it up and send it off and with the amount of time it seems
> to take in the US to get it back.........
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Thursday, 25 April 2002 3:52 AM
> To: FT100@y...
> Subject: [FT100] Re: Pre purchase inquirey
>
>
> You should expect to have to do the "fan mod" and quite likely
> the "spurious oscillation" mod. Those mods are best done by Cerritos.
> N6AF Chas
>

>
> --- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> > I have the FT 817, which I like very much. Now I am looking
to buy
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> > little hefter rig and have been looking at the FT 100D.
However, I
> > see many many notes from the over 1900 members about basic
problems
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> > Thanks in advance for any replies.
> >
> > de Mike KE7MH, Western Washington.
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
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# 13732. Re: [FT100] Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 20:10:54 UTC
From: Jim Lasswell
Topic: 13702  Message: 13732

Hi Lance. Very nice setup you have there, but isn't the antenna a bit directional? I hade mine mounted the same way but all I could hear was to the rear of my trk. Then I mounted it on a headache rack just about cab-top in height and it works like a champ. 73 Jim AD6DW

----- Original Message -----
From: jose_can_u_c
To: FT100@yahoogroups.com
Sent: Thursday, April 25, 2002 12:52 PM
Subject: [FT100] Re: FT100 in Ford Ranger

I came up with a few images of my FT100D and ATAS100 installation in my 2000 Ford Ranger.

http://www.baconcheddar.org/~jlc7944/photos/ft100/

The server is not a production webserver, so it may be a bit slow at times.

73, de KJ5O Lance

--- In FT100@y..., "Kevin Burkhart" <kpb@v...> wrote:
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> I just came upon a good deal on a new Ford Ranger. I have heard of the RFI
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> Kevin WM0F kpb@n...
> (please delete the nojunk from the email address)

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# 13733. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 20:20:10 UTC
From: backhoefade
Topic: 13707  Message: 13733

I had Cerritos do them on my FT-100D but you can get a good idea how to do it yourself from the multitude of photos and discussions here. Look in the Photos and Files sections for the spurious oscillation mod info. There have been numerous postings about the VHF/UHF fan mod. Cerritos actually installs a temperature sensitive switch that makes the fan operate on VHF/UHF just as it does on HF. But most people who do the fan mod themselves go the simpler route of adding a resistor that always keeps the fan turning at slow speed in receive mode. You can probably dig up one of the old postings about the resistor approach by entering a key word in the search function here.
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> My radio is around 2 years old, works great, but I think I should do the MOD thingies. I just need to know where I can find the instructions on how to do it. thanks AD6DW Jim
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Thursday, April 25, 2002 10:03 AM
> Subject: [FT100] Re: Pre purchase inquirey
>
>
> Keep in mind that you may void your warranty if you do the mods
> yourself. Your call; that's a moot point in less than a year!
> Chas N6AF
>
> --- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> > Hi Eric. Can you please lead me in the right direction as to find
> out how to do these mods. The SWR and the fan mod. I can do them
> myself if I knew where to go and what to do. Thanks in advance.
> 73 de Jim AD6DW
> > ----- Original Message -----
> > From: Eric van de Weyer
> > To: FT100@y...
> > Sent: Wednesday, April 24, 2002 10:31 PM
> > Subject: RE: [FT100] Re: Pre purchase inquirey
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> >
> > My only comment about the mods would be that if you have any
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> > technical ability, do the mods yourself. They will take you less

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> > it takes to pack it up and send it off and with the amount of
> time it seems
> > to take in the US to get it back.........
> >
> > 73....Eric VK2KUR
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Thursday, 25 April 2002 3:52 AM
> > To: FT100@y...
> > Subject: [FT100] Re: Pre purchase inquirey
> >
> >
> > You should expect to have to do the "fan mod" and quite
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> > N6AF Chas
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> > > If not then Yeasu may loose a potential customer.
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> > > Thanks in advance for any replies.
> > >
> > > de Mike KE7MH, Western Washington.
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> >
> > Post message: FT100@y...

> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]

# 13734. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 20:22:12 UTC
From: backhoefade
Topic: 13707  Message: 13734

There's also some mod info and operating suggestions at www.mods.dk
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> My radio is around 2 years old, works great, but I think I should
do the MOD thingies. I just need to know where I can find the
instructions on how to do it. thanks AD6DW Jim
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Thursday, April 25, 2002 10:03 AM
> Subject: [FT100] Re: Pre purchase inquirey
>
>
> Keep in mind that you may void your warranty if you do the mods
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> --- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
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> 73 de Jim AD6DW
> > ----- Original Message -----
> > From: Eric van de Weyer
> > To: FT100@y...
> > Sent: Wednesday, April 24, 2002 10:31 PM
> > Subject: RE: [FT100] Re: Pre purchase inquirey
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> > to take in the US to get it back.........
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> > 73....Eric VK2KUR
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Thursday, 25 April 2002 3:52 AM

> > To: FT100@y...
> > Subject: [FT100] Re: Pre purchase inquirey
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> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]

# 13735. Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 20:27:44 UTC
From: john BUNKER
Topic: 13707  Message: 13735

I dont understand I have a later model FT-100 and it doesn't get hot on vhf and uhf Maybe their mounted in a trunk in the summer time it would be very hot?

>From: "backhoefade" <cgarner@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] Re: Pre purchase inquirey
>Date: Thu, 25 Apr 2002 20:20:10 -0000
>
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> > From: backhoefade
> > To: FT100@y...
> > Sent: Thursday, April 25, 2002 10:03 AM
> > Subject: [FT100] Re: Pre purchase inquirey
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> > > From: Eric van de Weyer
> > > To: FT100@y...
> > > Sent: Wednesday, April 24, 2002 10:31 PM
> > > Subject: RE: [FT100] Re: Pre purchase inquirey
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> > > 73....Eric VK2KUR
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> > > From: backhoefade [mailto:cgarner@h...]
> > > Sent: Thursday, 25 April 2002 3:52 AM
> > > To: FT100@y...
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> > > > de Mike KE7MH, Western Washington.
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> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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> > >
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---------------------------------------------------------------------
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

# 13736. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 22:16:54 UTC
From: backhoefade
Topic: 13707  Message: 13736

There's really nothing to "understand" here. Either your fans turn on automatically when the rig warms up during long receive-only periods in VHF/UHF operation, or they don't. Since you said your rig is around 2 years old it definitely isn't going to cool itself when receiving on VHF/UHF. I know a lot of people just live with them that way but in my opinion it's not a good idea to let all those devices inside there "cook" away unneccessarily. It will certainly shorten the long term lifespan of some of the semi-conductors. Some people have stated that they observe the receive sensitivity degrade when the rig gets warm so there's another reason to run the fans. Even though I have the "Cerritos fan mod" I experimented with the added resistor and found that a fairly high value like 150 Ohms let the fans spin moderately but not so fast as to be terribly noticable even when receiving weak signals without headphones. I may still put that resistor in there. I have worked with radio electronics all my hobby and professional life (22 years design engineering in telecom) and, trust me, you want to keep things nice and cool. So you might try the resistor approach but just use a value around 150 Ohms so the fan noise is kept down. There's a good photo of that resistor mod at www.mods.dk

I also posted some info there about AM operation of the FT-100D that might interest you if you are so inclined.

73's N6AF Chas

--- In FT100@y..., "john BUNKER" <bunkerj@m...> wrote:
> I dont understand I have a later model FT-100 and it doesn't get hot on vhf
> and uhf Maybe their mounted in a trunk in the summer time it would be very
> hot?
>
>
> >From: "backhoefade" <cgarner@h...>
> >Reply-To: FT100@y...
> >To: FT100@y...
> >Subject: [FT100] Re: Pre purchase inquirey
> >Date: Thu, 25 Apr 2002 20:20:10 -0000
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> > > To: FT100@y...
> > > Sent: Thursday, April 25, 2002 10:03 AM
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> > > > To: FT100@y...
> > > > Sent: Wednesday, April 24, 2002 10:31 PM
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> > > > Sent: Thursday, 25 April 2002 3:52 AM
> > > > To: FT100@y...
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>
> ------------------------------------------------------------------------
> Get your FREE download of MSN Explorer at
http://explorer.msn.com/intl.asp.

# 13737. RE: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 23:49:03 UTC
From: Eric van de Weyer
Topic: 13707  Message: 13737

Hi Jim,

at the bottom of each message is a list of addresses including the list
owners FAQ one ( http://www.k0lee.com/ft100faq.html ). If you go to it you
will find all the info you need to do the mods there. That's where I got it
from to do mine.

73....Eric VK2KUR.
-----Original Message-----
From: Jim Lasswell [mailto:ad6dw@...]
Sent: Friday, 26 April 2002 2:22 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Pre purchase inquirey

Hi Eric. Can you please lead me in the right direction as to find out how
to do these mods. The SWR and the fan mod. I can do them myself if I knew
where to go and what to do. Thanks in advance. 73 de Jim AD6DW
----- Original Message -----
From: Eric van de Weyer
To: FT100@yahoogroups.com
Sent: Wednesday, April 24, 2002 10:31 PM
Subject: RE: [FT100] Re: Pre purchase inquirey

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technical ability, do the mods yourself. They will take you less time
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it takes to pack it up and send it off and with the amount of time it
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to take in the US to get it back.........

73....Eric VK2KUR
-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, 25 April 2002 3:52 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Pre purchase inquirey

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13738. Re: [FT100] Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 00:32:49 UTC
From: J Lance Cotton
Topic: 13702  Message: 13738

Jim,

I haven't really noticed much directivity of the antenna. yes, the cab
blocks some of the signal, but the whip is mostly above the cab height.
I am sure that the top of the cab bounces some of the energy skyward,
but then, that's good for high-incident-angle sky-wave propogation.

I can be listening to a frequency and make turns on the road without a
noticeable change in reception clarity.

73, Lance KJ5O

Jim Lasswell wrote:
> Hi Lance. Very nice setup you have there, but isn't the antenna a bit directional? I hade mine mounted the same way but all I could hear was to the rear of my trk. Then I mounted it on a headache rack just about cab-top in height and it works like a champ. 73 Jim AD6DW
>
>
>
> ----- Original Message -----
> From: jose_can_u_c
> To: FT100@yahoogroups.com
> Sent: Thursday, April 25, 2002 12:52 PM
> Subject: [FT100] Re: FT100 in Ford Ranger
>
>
> I came up with a few images of my FT100D and ATAS100 installation in
> my 2000 Ford Ranger.
>
> http://www.baconcheddar.org/~jlc7944/photos/ft100/
>
> The server is not a production webserver, so it may be a bit slow at
> times.
>

# 13739. ATAS-100 and '95 Mazda 626

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-25 17:40:43 UTC
From: kayakor
Topic: 13739  Message: 13739

Hello and THANKS For Reading!
I installed my FT-100D between the front two seats on a humpmount and grounded the radio to the large bolt holding the seat to the floor, scraped for a good ground.
As for the ATAS-100, it is mounted with a large lip type mount on the front edge (middle) of the trunk deck. For grounding I used a star washer and placed this below the barrel mount with a piece of galvanized stranded wire soldered to it and then grounding it to the large bolts holding the rear seat belts in place. The match is good but on all but 6mtr. On this band the match is best at about 53.0-53.5 or so, about 3 bars showing for SWR for the lowest reading. Any ideas for lowering this or is this about as good as it gets?
I have the galvanized grounding wire wrapped around the trunk swing arm a number of times then going to the seat belt bolt, also scraped and paint free.
Any and all ideas welcome!
Thanks in advance for all of your time and ideas!!
73
Mike

# 13740. Recent DC issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 03:04:46 UTC
From: kc0jao
Topic: 13740  Message: 13740

I have not been paying close attention to the postings recently, but I noticed some exchange about SWR meters and, more concerning, DC passing Diplexors. It has made me think about the VHF/UHF finals issue. Is it possible that the DC voltage from the HF antenna coax connector (meant to run the ATAS 100) is getting through the "non-Yeasu" Diplexors that some of you are using, and causing the UHF/VHF finals to "HEAT" in receive mode? This would certainly be an answer to why these finals are burning up on some of you. (I am assuming that there is not a dc block at the UHF/VHF output.) I would be interested in hearing if this is an issue or not.

Jeff Scholtz
KCØJAO

# 13741. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 03:36:26 UTC
From: kc0jao
Topic: 13707  Message: 13741

*snip*
However, I see many many notes from the over 1900 members about basic problems with the rig that ought to have been corrected by now. *snip*

*snip* So my question is this. Can someone reasonably expect to purchase a new FT100D and expect that it will work out of the box, without some of the major design propblems that have been discussed on this site? *snip*

BUY A NEW ONE? Mike thanks to this group, you can buy a near new one cheap, from somebody this group has scared off!
I bought my FT100D from a man who had it two months, He said it had the "spurious oscillation" problem and needed to be sent to Yeasu. I bought it from him for $600.00. When I got it, the bracket was unused, the protective film was still on the display, and the original power cord was unused (as was the manual..suprise suprise).

I also got my ATAS100 antenna from a different man for $100.00, because it "would not tune very often" and wasnt as good as a "screw driver" or "Ham Sticks". Guess what, I installed them both in my 2000 Silverado Extended cab, just as I got them, and they both worked like a dream! The antenna tunes everything from 40 meters to 70 centimeters, every time. I think I like the radios performance better than my brand new Icom 746. However, when I had it indoors playing with it on my Beam antenna, I looked inside and found that all the screws were loose on the PCB's. I tightened them and did the simple mods this group is so fond of. (They certainly cant hurt anything). If I were you, I would not hesitate to get one of these fine radios. With the ATAS100 you cant beat it for mobile use!
Just make sure you INSTALL it, you'll have to drill holes in your car, and you might mar the paint, but it will work great, If you choose to use the "temporary" third party antenna mounts, and are afraid to scrape paint and drill in some GOOD grounds. I'll be looking forward to reading your "failure" posts in the future!
Happy Hunting!
Jeff KCØJAO

# 13743. Re: Short RX Time on 2m FM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 03:48:52 UTC
From: kc0jao
Topic: 13722  Message: 13743

> One other question; in VFO mode I see "M" and "T" in the upper left
of the
> display....what are they indicating?
>
> Thanks & 73,
> Robin Midgett KB4IDC
> VHF+ Glutton, /Rover & fixed station EM66se

Robin, Did you get a little white book with a picture of the FT100 on
it with your Radio? ;)

Jeff
KCØJAO

# 13744. Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 04:04:08 UTC
From: kb3bmt@juno.com
Topic: 13707  Message: 13744

I thought basically the same way, i bought a new rig at a reputable store. These mods (if necessary) must have been done . . . RIGHT?

This was my last post to the group. I believe it fits in well here:

Well, I packed up my FT-100D (Serial 1Ixxxx) and sent it to the Yaesu Hospital today. It was good while it lasted. I made 400+ contacts, 33 countries, almost 300 counties . . . all mobile. I then started getting the intermittent high SWR problem and resulting power reduction. Antenna tuned good (less than 1.5:1 across the band). Did the same thing into a dummy load, so I figured it was time.

Since I had just purchased the rig new from HRO in January '02, I assumed that Yaesu had completed all the necessary mods before sending it out for retail sale. My excellent results over the past couple of months reinforced my thinking. But then the gremlin set in.

So, I pulled it out of the car and popped open the case. NO MODS! Didn't look like anything shown in the group's photos for the SWR mods. No copper tape, no grounding straps, no nothing. Man was I disappointed.

I asked Yaesu to do all the mods while they had it checking out the SWR problem. After all, it is under warranty.

I have an FT-747GX I think I'll stick in the car until the return of my old friend. The noise blanker is not nearly as good, but I really like having a rig in the car (I'm a service tech and drive 1500+ miles a week).

Sure am going to miss the old girl. But I know when she returns, she will be better than new.

73

KB3BMT

On Fri, 26 Apr 2002 03:36:26 -0000 "kc0jao" <scholtz@...>
writes:
> *snip*
> However, I see many many notes from the over 1900 members about
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> problems with the rig that ought to have been corrected by now.
> *snip*
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> on this site? *snip*
>
> BUY A NEW ONE? Mike thanks to this group, you can buy a near new
> one
> cheap, from somebody this group has scared off!
> I bought my FT100D from a man who had it two months, He said it had
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> the "spurious oscillation" problem and needed to be sent to Yeasu.
> I
> bought it from him for $600.00. When I got it, the bracket was
> unused, the protective film was still on the display, and the
> original power cord was unused (as was the manual..suprise suprise).
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> I also got my ATAS100 antenna from a different man for $100.00,
> because it "would not tune very often" and wasnt as good as a "screw
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> driver" or "Ham Sticks". Guess what, I installed them both in my
> 2000 Silverado Extended cab, just as I got them, and they both
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> like a dream! The antenna tunes everything from 40 meters to 70
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> better than my brand new Icom 746. However, when I had it indoors
> playing with it on my Beam antenna, I looked inside and found that
> all the screws were loose on the PCB's. I tightened them and did the
>
> simple mods this group is so fond of. (They certainly cant hurt
> anything). If I were you, I would not hesitate to get one of these
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> fine radios. With the ATAS100 you cant beat it for mobile use!
> Just make sure you INSTALL it, you'll have to drill holes in your
> car, and you might mar the paint, but it will work great, If you
> choose to use the "temporary" third party antenna mounts, and are
> afraid to scrape paint and drill in some GOOD grounds. I'll be
> looking forward to reading your "failure" posts in the future!
> Happy Hunting!
> Jeff KCØJAO
>
>
> ---------- Yahoo! Groups Sponsor
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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> We are all a part of this Lets make it as good as possible.
>

> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>
>

[Non-text portions of this message have been removed]

# 13745. Re: [FT100] Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 15:24:14 UTC
From: Pres Waterman
Topic: 13702  Message: 13745

> I came up with a few images of my FT100D and ATAS100 installation in
> my 2000 Ford Ranger.
>
> http://www.baconcheddar.org/~jlc7944/photos/ft100/
>
> The server is not a production webserver, so it may be a bit slow at
> times.

Better to also copy then to the FT-100 Yahoo!groups home page/photos section
so we all know where to look for them

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
Dreeeeeeeeeeeeeeewwwwwwwww!
???

# 13746. Re: Recent DC issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 16:04:59 UTC
From: backhoefade
Topic: 13740  Message: 13746

I would be amazed if there isn't a DC block prior to both antenna connectors on the FT-100D. If there isn't one on, for example, the VHF/UHF output I can assure you that there is one less design engineer employed at Yaesu.

--- In FT100@y..., "kc0jao" <scholtz@n...> wrote:
> I have not been paying close attention to the postings recently, but
> I noticed some exchange about SWR meters and, more concerning, DC
> passing Diplexors. It has made me think about the VHF/UHF finals
> issue. Is it possible that the DC voltage from the HF antenna coax
> connector (meant to run the ATAS 100) is getting through the "non-
> Yeasu" Diplexors that some of you are using, and causing the UHF/VHF
> finals to "HEAT" in receive mode? This would certainly be an answer
> to why these finals are burning up on some of you. (I am assuming
> that there is not a dc block at the UHF/VHF output.) I would be
> interested in hearing if this is an issue or not.
>
> Jeff Scholtz
> KCØJAO

# 13747. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 16:15:53 UTC
From: backhoefade
Topic: 13707  Message: 13747

There is no "SWR problem", per se, for them to check out. The SWR indictor pops up whenever the spurious oscillation occurs. I measured it with a spectrum analyzer. There are spurious outputs present at 13.65 MHz and 2x and 3x that frequency when the problem happens. It looks like there is some RF leakage back into the synthesizer section which causes the synthesizer to produce these unwanted outputs. Funny thing - I found that the spurious tones dropped 40 dB or more when I lifted up the back edge of the cabinet cover about 1/2 inch so it appears that the "path" for the RF leakage or "feedback", if you want to call it that, is partially 'radiated' in nature rather than 'conducted' (two very common EMI terms). The added grounding they do for the "mod" seems to kill this mechanism most likely by essentially reducing the leakage path.

So what they should do for you is add the grounding that addresses the spurious oscillation problem and add the fan modification which involves adding a temperature sensitive switch to the fan control circuit. The "SWR" gemlin will be killed by the added grounding. You'll have a nice solid rig when you get it back.

N6AF Chas

--- In FT100@y..., kb3bmt@j... wrote:
> I thought basically the same way, i bought a new rig at a reputable
> store. These mods (if necessary) must have been done . . . RIGHT?
>
> This was my last post to the group. I believe it fits in well here:
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> Well, I packed up my FT-100D (Serial 1Ixxxx) and sent it to the
Yaesu
> Hospital today. It was good while it lasted. I made 400+
contacts, 33
> countries, almost 300 counties . . . all mobile. I then started
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> the intermittent high SWR problem and resulting power reduction.
Antenna
> tuned good (less than 1.5:1 across the band). Did the same thing
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> dummy load, so I figured it was time.
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> Since I had just purchased the rig new from HRO in January '02, I
assumed
> that Yaesu had completed all the necessary mods before sending it
out for
> retail sale. My excellent results over the past couple of months
> reinforced my thinking. But then the gremlin set in.

>
> So, I pulled it out of the car and popped open the case. NO MODS!
> Didn't look like anything shown in the group's photos for the SWR
mods.
> No copper tape, no grounding straps, no nothing. Man was I
disappointed.
>
> I asked Yaesu to do all the mods while they had it checking out the
SWR
> problem. After all, it is under warranty.
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> I have an FT-747GX I think I'll stick in the car until the return
of my
> old friend. The noise blanker is not nearly as good, but I really
like
> having a rig in the car (I'm a service tech and drive 1500+ miles a
> week).
>
> Sure am going to miss the old girl. But I know when she returns,
she
> will be better than new.
>
> 73
>
> KB3BMT
>
> On Fri, 26 Apr 2002 03:36:26 -0000 "kc0jao" <scholtz@n...>
> writes:
> > *snip*
> > However, I see many many notes from the over 1900 members about
> > basic
> > problems with the rig that ought to have been corrected by now.
> > *snip*
> >
> > *snip* So my question is this. Can someone reasonably expect to
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> > Just make sure you INSTALL it, you'll have to drill holes in
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> > Jeff KCØJAO
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> > Post message: FT100@y...
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> > We are all a part of this Lets make it as good as possible.
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> >
> >
> >
>
> [Non-text portions of this message have been removed]

# 13748. Re: [FT100] Recent DC issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 17:25:05 UTC
From: Pres Waterman
Topic: 13740  Message: 13748

Interesting theory. But I have 3 thoughts:

1 The diplexors usually only pass DC through the common<-->HF port
B The DC is only present during tune which is rare
trois The finals are probably capacitively coupled to the ooutside world
anyway

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
Dreeeeeeeeeeeeeeewwwwwwwww!
???

I have not been paying close attention to the postings recently, but
I noticed some exchange about SWR meters and, more concerning, DC
passing Diplexors. It has made me think about the VHF/UHF finals
issue. Is it possible that the DC voltage from the HF antenna coax
connector (meant to run the ATAS 100) is getting through the "non-
Yeasu" Diplexors that some of you are using, and causing the UHF/VHF
finals to "HEAT" in receive mode? This would certainly be an answer

# 13749. FT100/FT100D Tech Suppliment

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 22:27:16 UTC
From: w1pa
Topic: 13749  Message: 13749

... is now available (for both versions, one manual). Just got one this week from HRO.

Bill
W1PA

# 13750. Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 01:39:03 UTC
From: ft100guy
Topic: 13650  Message: 13750

--- In FT100@y..., "Alvin M. Norris" <w8ujm@e...> wrote:
> I had the same problem with the recieve audio around the first of the year.
> I called yaseu and asked if I should try a specific reset. The said yes I
> should and that I should have read my manual instead of calling them. Before
> I could do the reset the radio healed itself, which bothers me because I
> still don't know what the problem is or was. I had suggestions like checking
> to see if it was in wfm or checking the speaker. But again it straightened
> up before I could check everything out. If you do find out what the problem
> is , Please post it Alvin Norris

It always pays to reseat every connector in the radio prior to sending the rig in. Quite often one comes loose making trouble inside. PS if the rx is degrading also add the fan mod to keep things cool. Mine suffered from RX degradation on HF and above and after the fan mod it was a happy camper.. If it continues.. Send it in for the "3 hour tour" to Cerritos.. Regards.. Richy N2ZD

# 13751. Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 15:56:06 UTC
From: bed143
Topic: 13702  Message: 13751

Nice pics.....should have cleaned up the mess in the truck before
taking pictures. Looks like a nice install.

Dennis

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > I came up with a few images of my FT100D and ATAS100 installation
in
> > my 2000 Ford Ranger.
> >
> > http://www.baconcheddar.org/~jlc7944/photos/ft100/
> >
> > The server is not a production webserver, so it may be a bit slow
at
> > times.
>
>
> Better to also copy then to the FT-100 Yahoo!groups home
page/photos section
> so we all know where to look for them
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> Dreeeeeeeeeeeeeeewwwwwwwww!
> ©¿©

# 13752. Re: [FT100] Re: FT100 in Ford Ranger

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 04:48:23 UTC
From: J Lance Cotton
Topic: 13702  Message: 13752

I did clean up the mess! :-)

I just uploaded them to the Photos area of the Yahoo Group.

The bracket is a thrown-together design by me. I made it out of angle and bar aluminum bought from the local Lowe's hardware store. The radio is mounted using the Quick Release Mobile Mount, which is also compatible with the mobile mount for my FT-8100, so I can easily swap radios on this mount.

The angle-steel on the toolbox below the ATAS is leftover from a failed attempt to use a trunk-lip mount for the ATAS before I got the nice pre-drilled mount. I left it there so there wouldn't be any holes in my toolbox and to give me something to tie the coax to.

73, Lance KJ5O

bed143 wrote:
> Nice pics.....should have cleaned up the mess in the truck before
> taking pictures. Looks like a nice install.
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> Dennis
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> --- In FT100@y..., Pres Waterman <presw@1...> wrote:
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 13753. Re: [FT100] FT100/FT100D Tech Suppliment

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 06:41:16 UTC
From: John Shalamskas
Topic: 13749  Message: 13753

So, what sort of goodies can we expect to see in the tech supplement?

John KJ9U

On 26 Apr 2002, at 22:27, w1pa wrote:

> ... is now available (for both versions, one manual). Just got one
> this week from HRO.
>
> Bill
> W1PA

# 13754. Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-26 17:50:11 UTC
From: kb3bmt@juno.com
Topic: 13707  Message: 13754

I had no complaints about the radio. I enjoyed it immensely and used it heavily. I'm looking forward to the day it returns. I have never seen a radio with a better noise blanker (Ford fuel pumps are horrible). It is so small and versatile. The FT-747 makes a sorry replacement (albeit temporary). I have friends with small HF mobiles and have used others. Nothing compares. The FT-100D is absolutely the best rig I have ever owned. If I had it to do again, even knowing about the problems, I would do it over.

73 de Jim
KB3BMT
QSL via eQSL.cc

On Fri, 26 Apr 2002 16:15:53 -0000 "backhoefade" <cgarner@...>
writes:
> There is no "SWR problem", per se, for them to check out. The SWR
> indictor pops up whenever the spurious oscillation occurs. I
> measured it with a spectrum analyzer. There are spurious outputs
> present at 13.65 MHz and 2x and 3x that frequency when the problem
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> So what they should do for you is add the grounding that addresses
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> > On Fri, 26 Apr 2002 03:36:26 -0000 "kc0jao" <scholtz@n...>
> > writes:
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> > > However, I see many many notes from the over 1900 members about
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> > >
> > >
> >
> > [Non-text portions of this message have been removed]
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http://dl.www.juno.com/get/web/.

# 13755. noise again was: Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 12:37:56 UTC
From: Pres Waterman
Topic: 13755  Message: 13755

> heavily. I'm looking forward to the day it returns. I have never seen a
> radio with a better noise blanker (Ford fuel pumps are horrible). It is

I'd like to once again clear up a confusion...

Ford fuel pumps are bad.

Ford spark plugs are horrible.

The FT-100 NB is a great tool against the horrible spark plugs, except in FM mode where it is not working at all. It does nothing against the fuel pump noise.

What's the difference? Fuel pump noise is a buzz that you hear momentarily as you trun the key from "off" to "run" WITHOUT starting ( we call that KOEOff ) which quits after a few seconds. Then of course it is on when the vehicle is running. They make an effective filter which my parts department parts@... will sell at a ham discount and when discounted it is about $50 and involves some installation. They say the tank should be dropped but I don't agree... I have had success putting it at the radio, although I am not sure it can take the current drawn by the radio.

Spark plug noise is a pop-pop-pop you hear only when the engine is running. About S-8. It is radiated out into the antenna. This is important- bonding a fiberglas hood will not work. Grounding your antenna will not cure this ill. I have found no solution to be effective.

I urge every ham to get an audience with their Ford/GM/whatever factory field engineer. Demand this be cured. Show him/her the noise extends well beyond 30MHz ( they have foolishly spec'ed the noise to "not" extend above 30MHz but we know it does ). If the factory gets a ton of complaints maybe something will happen.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 13756. Fan Mode

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 12:49:21 UTC
From: ve1sk
Topic: 13756  Message: 13756

I am about to do the fan mode and was wondering has anyone glued a piece of heat sink to the final? Would this not help disapate the heat with the fans running?
pros or cons?

Steve

# 13757. Re: noise again was: Re: [FT100] Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 13:01:18 UTC
From: Jim Apple
Topic: 13755  Message: 13757

I'm using one of these, seems to work well.

http://www.powerwerx.com/dcfilters.html

- Jim

> What's the difference? Fuel pump noise is a buzz
> that you hear momentarily
> as you trun the key from "off" to "run" WITHOUT
> starting ( we call that
> KOEOff ) which quits after a few seconds. Then of
> course it is on when the
> vehicle is running. They make an effective filter
> which my parts department
> parts@... will sell at a ham discount and
> when discounted it is
> about $50 and involves some installation. They say
> the tank should be
> dropped but I don't agree... I have had success
> putting it at the radio,
> although I am not sure it can take the current drawn
> by the radio.
>

=====
- Jim Apple (WB1DOG)

---------------------------------------------------
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 13758. NH to WV Round trip Report *pictures*

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 15:02:30 UTC
From: am_fm_radio
Topic: 13758  Message: 13758

I've just returned from a trip from New Hampshire to West (almost heaven) Virginia Round Trip. I'd like to report on my mobiling with 3 HAM STICKS an FT100D new out of the box.

Let me give you the "line up":

The Hamsticks are mounted on a ball flanged under the tonneau cover of a 2002 GMC 2500HD Duramax pickup. I use an MFJ "tuner" a little $19.00 box that places a capicator at the base of the antenna for impedance matching. For those of you interested in prices, that's a $19.95 ham stick on a $30,000+ mount....(it's a joke, son)

The FT100D is mounted under the dash right above the gas petal. The microphone connector is connected to the rig, but the face plate was remotely moved to the overhead console.

The placement of the control head in the overhead console required the purchase of the remoting kit for the FT100D and quanity 2 6-32 by 3 inch screws. I also used a couple of #6 sheetmetal screws 1/2 inch long.

I'll upload pictures of my rig mounted, the over head console. and the hamstick mount.

Even though I had hamsticks on 80-40-20 meters, I only used 80 and 40, then I have a diamond antenna for VHF/UHF mounted top dead center of the cab.

I left late at night and checked into the 3905 Century club net. kicking on DSP I had no trouble hearing all fixed stations on the net. There were 3 mobiles in Hawaii... none of which I could hear at check in but I could hear them giving signal reports to others while I peaked a mountain in the Catskills. You may say I "Imagined" them, but I've worked HF mobile way too long. I received a number of 5x5 reports from stations 200-300 miles away. The day time use was split between VHF/UHF use and 40 meters. There on 40 meters I received 5x9 signal reports from stations as far away as 600 miles. The FT100D accepted the HAMSTICK SWR for about 30khz on 80 meters and 100khz on 40. My tests with the HAMSTICK-MFJ-910 allowed complete coverage of 20 meter phone band. The FT100D operated flawlessly. I own 2, I'm waiting (still) for the other to return from the factory mods. I'll post another message as to where the pictures are located . They should be under my call sign-W8LM in this group, under PICTURES

# 13759. Pictures posted!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 15:22:05 UTC
From: am_fm_radio
Topic: 13759  Message: 13759

OK everybody

My pictures of my FT100D mounted in my 2002 GMC 2500HD are posted.
Included is the dirt on the carpeting. BTW it's a Duramax diesel
(24mpg empty) and a 6 speed. They are under Photo's W8LM...

# 13760. Re: FT-100D vs IC-706 MKII G

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 15:46:59 UTC
From: am_fm_radio
Topic: 13348  Message: 13760

Michael....
as a 2 FT100D owner... you've gotten a number of good replys here. But tell me, have you made the same post at the IC706 group?

In fairness to the issue...ask the question on the IC706 group page...

Think of it as asking the NRA if you should buy a gun... obviously you should, but you see my point. I'd personally like to see the other point of view. Not to argue, but to see just how the "rest of the world" thinks.

73- Larry W8LM

--- In FT100@y..., "w1rc" <w1rc@y...> wrote:
> I'll bet this has been beaten to death in the past but please bear
> with me.
>
> I'm about to make the big buy and need to know if the problems I've
> read about with the FT-100D have been resolved to the point that the
> radio will perform as advertised. Please post or e-mail me your
> comments and experiences with the newer released FT-100Ds so I might
> make a good decision.
>
> Thanks and 73,
>
> Michael Crestohl,
> W1RC
>
> mc@s...

# 13761. AM operation INFO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 15:53:30 UTC
From: am_fm_radio
Topic: 13348  Message: 13761

I found this under another heading. It really needs it's own heading
as it's quite valuable information. de W8LM
--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> You are an example of someone who simply takes care of business!
> No whining, no denial, just action. Good job.
> Yes, the rig is a winner. I get excellent audio reports on AM
> operation too. The manual is devoid of any instructions for AM
> operation. Maybe they don't want to admit that you MUST use the 6
> kHz filter (a separate purchased option) to get proper AM operation.
> Are you familiar with AM op with the FT-100D? It's this simple:
> 1) Set mic gain to 17 (that's seventeen). Or, if you want to use the
> processor, enable PRO and set the level "within" the PRO button to 17.
> (The PRO setting is nothing more than an alternate "mic gain" control
> for processor enabled usage. There is no actual adjustment of the
> percentage of compression available in the rig. You can prove this
> to yourself by setting the mic gain to zero when you have the
> processor enabled and set to some level above zero).
> 2) In AM mode go into the "F menu functions" and set F51 for 25 Watts
> output, with an unmodulated carrier present.
> 3) If you want a bit more linearity (more obvious "upward modulation"
> on an external power meter) then set F15 to about 165. Double check
> me on "F15". I think that's the one. It's the HF output power
> control in the F menu.
>
> That's it. You will now get 100 Watts PEP AM and have the carrier
> set exactly correct at 25 Watts output, unmodulated. The peak
> envelope power of a 100% modulated AM signal is 4 times (6 dB) above
> the unmodulated carrier power. The common mistakes made during AM
> operation are setting the mic gain or "pro" gain too high and not
> using the 6 kHz filter. I get excellent AM audio reports on HF.
>
> The FT-100D is really a great performer. It just seems as though
> they were in a rush to get the thing released to the market and as a
> result a couple design bugs slipped through and the Users Manual
> never got the polish it should have had. But we can learn here at
> this bulletin board!
>
> One more suggestion - buy headphones with an in-line volume control.
> Then you can independently set the CW sidetone level for the speaker
> using the internal VR004 potentiometer mounted next to the speaker
> cable connector on the PC board, separate from setting the headphone
> sidetone level using the in-line volume control.
>
> 73's and enjoy the rig!
>

> N6AF Chas
>
>

# 13762. The FT-100 and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 06:01:53 UTC
From: William Joseph Crossland
Topic: 13762  Message: 13762

Hi to the group,
Has anyone in the group had any experience using the FT-100 with the PSK31 mode? I am a bit interested in experimentation with this mode in the VHF, 2 metre, portion of the band. Apparently a group in Italy are having some success on that band.

What I would be looking for would be things like filter selection, suitable interface devices, connection to the FT-100 and any traps or tricks for the unwary. Thanks in anticipation.

Kind regards,
Bill Crossland, (VK2-TPW)
Ballina, NSW,
Australia.
Email : crosland@...
packet : vk2tpw@vk2jsm.#.ne.nsw.aus.oc
Visit my Home Page at http://www.nrg.com.au/~crosland
Researching:
Yorkshire: Crosland,Crossland,Whitehead,Kippus,Kippax,Haigh,Sykes.
Cheshire: Morris,Lockwood.
London: Vote,Sly
Australia: McCann, Lovell, Stockbridge, Castle, Dwyer

# 13763. Re: Pre purchase inquirey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 17:49:32 UTC
From: argenjagd2002
Topic: 13707  Message: 13763

Hi MIKE;
Two years ago I took my FT100D and ATAS 100 out of the box, fixed in my Mercedes 300TD. and still are working 100%. No mods, no SWR, no oscilations, no BS.
According to my experience with the rig I wld't change it for any other.
Alberto LU5DTX

--- In FT100@y..., "ke7mh" <mlacombe@s...> wrote:
> I have the FT 817, which I like very much. Now I am looking to buy a
> little hefter rig and have been looking at the FT 100D. However, I
> see many many notes from the over 1900 members about basic problems
> with the rig that ought to have been corrected by now.
>
> So my question is this. Can someone reasonably expect to purchase a
> new FT100D and expect that it will work out of the box, without some
> of the major design propblems that have been discussed on this site?
>
> If not then Yeasu may loose a potential customer.
>
> Thanks in advance for any replies.
>
> de Mike KE7MH, Western Washington.

# 13764. Re: [FT100] The FT-100 and PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 20:10:02 UTC
From: john BUNKER
Topic: 13762  Message: 13764

Yes but I used it on hf for awile works good ran 100 warrs but set it up for 40 watts and just is real nice for this mode. Run very cool cant beat the rig.No activitivy on vhf and uhf around here on Tn.

>From: "William Joseph Crossland" <crosland@...>
>Reply-To: FT100@yahoogroups.com
>To: <FT100@yahoogroups.com>
>Subject: [FT100] The FT-100 and PSK31
>Date: Sat, 27 Apr 2002 16:01:53 +1000
>
>Hi to the group,
>Has anyone in the group had any experience using the FT-100 with the PSK31
>mode? I am a bit interested in experimentation with this mode in the VHF, 2
>metre, portion of the band. Apparently a group in Italy are having some
>success on that band.
>
>What I would be looking for would be things like filter selection, suitable
>interface devices, connection to the FT-100 and any traps or tricks for the
>unwary. Thanks in anticipation.
>
>Kind regards,
>Bill Crossland, (VK2-TPW)
>Ballina, NSW,
>Australia.
>Email : crosland@...
>packet : vk2tpw@vk2jsm.#.ne.nsw.aus.oc
>Visit my Home Page at http://www.nrg.com.au/~crosland
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>Yorkshire: Crosland,Crossland,Whitehead,Kippus,Kippax,Haigh,Sykes.
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>
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---
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# 13765. TCXO-8 Details

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 21:26:08 UTC
From: J. Craswell
Topic: 13765  Message: 13765

I'm only just getting going on the FT-100D but I wonder if someone else has already done this. For Civil Air Patrol use I would like to operate the FT-100D. It meets some of the HF NITA specs but fails Freq Stability even with the TCXO-8 option. I've looked at the different companies selling TCXO they have .5 PPM units and I'm planning to put together my own TCXO-8 PLUS that will be "ok" for CAP. Can anyone give me the details on who makes the current TCXO-8 and what the frequency is and what sort of output. TTL or?

Thank you!

73 de Jay Craswell W0VNE

Also is there a schematic / service manual in PDF (or other form) on the web?

# 13766. Re: [FT100] NH to WV Round trip Report *pictures*

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-27 23:43:15 UTC
From: bob/AB9EE
Topic: 13758  Message: 13766

I have used my ft100d mobile for the last month as i travel for my job. I have contacts in japan, europe, and south america using nothing but a 20 meter ham stick mag mount on top of the pick up truck. nothing else. It is a great mobile radio.
AB9EE

[Non-text portions of this message have been removed]

# 13767. Re: FT100/FT100D Tech Suppliment

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-28 03:17:03 UTC
From: w1pa
Topic: 13749  Message: 13767

--- In FT100@y..., John Shalamskas <john@m...> wrote:
> So, what sort of goodies can we expect to see in the tech
supplement?
>
> John KJ9U

119 pages:
Specs, Exploded view and parts list, alignmnet procedures,
interconnection diagram, fold-out schematics, part layouts, and parts
lists for all the boards, as well as the TXCO-8 and the FTS-27.

Bill
W1PA

# 13768. Re: TCXO-8 Details

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-28 03:21:33 UTC
From: w1pa
Topic: 13765  Message: 13768

Can anyone give me the details on who makes the
> current TCXO-8 and what the frequency is and what sort of output.
TTL or?
>
> Thank you!
>
> 73 de Jay Craswell W0VNE
>
> Also is there a schematic / service manual in PDF (or other form)
on the
> web?

The TXCO-8 is three parts:
X2901 Xtal Osc 19.09333MHz (Manf # NTO-801BS)
and two bypass caps on the VCC (5V) side of the Xtal, 0.01uF and 10uF.
There is a schematic and layout in the tech suppliment I just got.

Bill
W1PA

# 13769. Re: TCXO-8 Details

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-29 05:02:20 UTC
From: k6rcx
Topic: 13765  Message: 13769

Jay, I most be missing something about the CAP frequency tolerance requirements. It looks like most of the req. in CAPR 100-1, Table 10-1 are 2-50 PPM except for SSB which is 10-20 Hz. The TCXO-8 is rated at +/- 1PPM from -10C deg to +50C deg. It would seem that is close and would work fine with a tighter temp range and a good tweeking. It seem a waste of time to gut the FT100 to improve on this??

Erwin K6RCX

--- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> I'm only just getting going on the FT-100D but I wonder if someone else has
> already done this. For Civil Air Patrol use I would like to operate the
> FT-100D. It meets some of the HF NITA specs but fails Freq Stability even
> with the TCXO-8 option. I've looked at the different companies selling TCXO
> they have .5 PPM units and I'm planning to put together my own TCXO-8 PLUS
> that will be "ok" for CAP. Can anyone give me the details on who makes the
> current TCXO-8 and what the frequency is and what sort of output. TTL or?
>
> Thank you!
>
> 73 de Jay Craswell W0VNE
>
> Also is there a schematic / service manual in PDF (or other form) on the
> web?

# 13770. TCXO-8 CAP issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-29 13:30:41 UTC
From: J. Craswell
Topic: 13770  Message: 13770

> From: "k6rcx" <k6rcx@...>
> Jay, I most be missing something about the CAP frequency tolerance
> requirements. It looks like most of the req. in CAPR 100-1, Table 10-
> 1 are 2-50 PPM except for SSB which is 10-20 Hz. The TCXO-8 is rated
> at +/- 1PPM from -10C deg to +50C deg. It would seem that is close
> and would work fine with a tighter temp range and a good tweeking.
> It seem a waste of time to gut the FT100 to improve on this??
>
> Erwin K6RCX

Your reading the regs correctly. It needs to be .67 ppm for +-20hz over the NTIA red book temp range. I looked at the ARRL lab tests to verify that the FT-100D at 1ppm is too "loose" and it appears to shift +-40hz which the commo chiefs would find unacceptable.

Here is the link to the details. Note that the VHF compliance is also unacceptable. However ARRL lab tests show the portion it fails on looks more than adequate on the unit that was tested. *If I'm reading that right. I suspect Yaesu is giving a lower number so as not to be held accountable for some units that might miss the mark slightly. Too bad since the VHF approved list (to me anyhow) contains mostly equipment I would never think to purchase. The FT-100D is handy with it wide band receive. I like the fact that it covers Aero Band Civilian and Military aero! Not too many radios cover both (right now) It's a good unit but out of the factory no matter what mods you order your not supposed to use it for anything.

http://www.ntc.cap.gov/comm/equipment/HF_Detail.cfm?rec_id=118

73 de Jay Craswell W0VNE

# 13771. Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-29 16:48:11 UTC
From: backhoefade
Topic: 13650  Message: 13771

So who is it that does the actual re-work --- Gilligan, the Skipper ?
Hope it's the professor.

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> --- In FT100@y..., "Alvin M. Norris" <w8ujm@e...> wrote:
> > I had the same problem with the recieve audio around the first of
> the year.
> > I called yaseu and asked if I should try a specific reset. >
> It always pays to reseat every connector in the radio prior to
> sending the rig in. Quite often one comes loose making trouble
> inside. PS if the rx is degrading also add the fan mod to keep
things
> cool. Mine suffered from RX degradation on HF and above and after
the
> fan mod it was a happy camper.. If it continues.. Send it in for
> the "3 hour tour" to Cerritos.. Regards.. Richy N2ZD

# 13772. Re: [FT100] TCXO-8 Details

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-29 17:45:15 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13765  Message: 13772

On checking the CAP page, they say it only does not meet their specs for VHF

HF listing
http://www.ntc.cap.gov/comm/equipment/HF_Lists.cfm

VHF listing
http://www.ntc.cap.gov/comm/equipment/Lists.cfm
"VHF Freq stability is without TCXO-8 High Stabilit"

So, it would seem that with the high stability TCXO-8 it would meet their specs.

DaveK wp2aat
"J. Craswell" wrote:

> I'm only just getting going on the FT-100D but I wonder if someone else has
> already done this. For Civil Air Patrol use I would like to operate the
> FT-100D. It meets some of the HF NITA specs but fails Freq Stability even
> with the TCXO-8 option. I've looked at the different companies selling TCXO
> they have .5 PPM units and I'm planning to put together my own TCXO-8 PLUS
> that will be "ok" for CAP. Can anyone give me the details on who makes the
> current TCXO-8 and what the frequency is and what sort of output. TTL or?
>
> Thank you!
>
> 73 de Jay Craswell W0VNE
>
> Also is there a schematic / service manual in PDF (or other form) on the
> web?
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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# 13773. Re: TCXO-8 Details

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-29 17:17:34 UTC
From: backhoefade
Topic: 13765  Message: 13773

Changing out the TCXO in order to meet the CAP frequency tolerance requirement is just the technical part of the exercise. You probably need to have the rig go through the Type Acceptance, Type Notification or whatever the current process is in order for it to be used legally in CAP operations. Those acceptance processes are generally done by the manufacturer rather than an end user. So my point is simply that you can't legally use it for CAP just because you've made some hardware changes that bring it within the technical requirements. It has to go through the whole documentation business with the FCC. I suggest you contact the FCC and get the straight scoop.

--- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> I'm only just getting going on the FT-100D but I wonder if someone else has
> already done this. For Civil Air Patrol use I would like to operate the
> FT-100D. It meets some of the HF NITA specs but fails Freq Stability even
> with the TCXO-8 option. I've looked at the different companies selling TCXO
> they have .5 PPM units and I'm planning to put together my own TCXO-8 PLUS
> that will be "ok" for CAP. Can anyone give me the details on who makes the
> current TCXO-8 and what the frequency is and what sort of output. TTL or?
>
> Thank you!
>
> 73 de Jay Craswell W0VNE
>
> Also is there a schematic / service manual in PDF (or other form) on the
> web?

# 13774. CAP Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 00:10:16 UTC
From: Russ Thompson
Topic: 13774  Message: 13774

Russ Thompson

Doesn't CAP radios have to be type accepted? I hear of people converting ham rigs to work on CAP frequencies, but is that really legal

DE KX5G

# 13775. Re: [FT100] Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 01:04:47 UTC
From: Pres Waterman
Topic: 13650  Message: 13775

> So who is it that does the actual re-work --- Gilligan, the Skipper ?
> Hope it's the professor.

Cool. He could make a whole ham radio out of a coconut and some beach grass.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13776. Latest factory warranty round trip time....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 01:30:45 UTC
From: am_fm_radio
Topic: 13776  Message: 13776

Shipped Second day air Mar 14, 2002
Received UPS 3 day select April 29, 2002

46 days
That's the out and in days...We're located 45 miles north of Boston,
so it may be better turn around in Texas or California, etc.

BTW the invoice says 2 hours labor. According to local consumer
protection laws, the warranty gets extended by the number of days in
for repair....hum, does Yaesu know this??

# 13777. Re: [FT100] Latest factory warranty round trip time....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 01:50:25 UTC
From: Dick Thompson
Topic: 13776  Message: 13777

What did you have done when you sent it ti Yaesu?

73,

Dick
WB0DUL@...
----- Original Message -----
From: am_fm_radio
To: FT100@yahoogroups.com
Sent: Monday, April 29, 2002 7:30 PM
Subject: [FT100] Latest factory warranty round trip time....

Shipped Second day air Mar 14, 2002
Received UPS 3 day select April 29, 2002

46 days
That's the out and in days...We're located 45 miles north of Boston,
so it may be better turn around in Texas or California, etc.

BTW the invoice says 2 hours labor. According to local consumer
protection laws, the warranty gets extended by the number of days in
for repair....hum, does Yaesu know this??

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[Non-text portions of this message have been removed]

# 13778. Re: CAP Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 02:53:02 UTC
From: backhoefade
Topic: 13774  Message: 13778

See my prior comment about a message back from here.
N6AF Chas

--- In FT100@y..., "Russ Thompson" <russthom@a...> wrote:
>
>
> Russ Thompson
>
>
> Doesn't CAP radios have to be type accepted? I hear of people converting
> ham rigs to work on CAP frequencies, but is that really legal
>
> DE KX5G

# 13779. Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 02:54:30 UTC
From: backhoefade
Topic: 13650  Message: 13779

I don't even want to speculate what Ginger could do with what's at hand.

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > So who is it that does the actual re-work --- Gilligan, the Skipper ?
> > Hope it's the professor.
>
> Cool. He could make a whole ham radio out of a coconut and some beach grass.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> GO BILLS!

# 13780. Re: CAP Radios

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 02:59:43 UTC
From: backhoefade
Topic: 13774  Message: 13780

Message 13773.

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> See my prior comment about a message back from here.
> N6AF Chas
>
> --- In FT100@y..., "Russ Thompson" <russthom@a...> wrote:
> >
> >
> > Russ Thompson
> >
> >
> > Doesn't CAP radios have to be type accepted? I hear of people
> converting
> > ham rigs to work on CAP frequencies, but is that really legal
> >
> > DE KX5G

# 13781. Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 04:04:15 UTC
From: ft100guy
Topic: 13650  Message: 13781

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > So who is it that does the actual re-work --- Gilligan, the Skipper ?
> > Hope it's the professor.
>
> Cool. He could make a whole ham radio out of a coconut and some beach grass.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer

Dont go there, thats what got me "moderated" and post/time delayed .. :-) Richy N2ZD

The reference to the "3 hour tour" is that it takes an unusually long time to get a radio back from Yaesu when they proclaim that said radios have "no problems" and most problems are user related. Gee.. if that were the case, the radios should be back within 3 weeks.. If they really cared about their customers, they would supply the big dealers and repair facilities with parts and allow them to perform FT100 repairs to speed things up. Shame Shame as they say.. Regards

# 13782. Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 15:31:49 UTC
From: backhoefade
Topic: 13650  Message: 13782

Gotcha - solid copy OM.

As far as Cerritos is concerned, I got lucky and just had a 17 day tour which wasn't bad at all considering the current multi-month turn around I've been hearing about. But that was April 2001, right before the word got out about the spurious oscillation problem. After that the fan mod and "SWR" mod really started hitting the bench.

# 13783. Re: [FT100] Re: Low RX Volume on 2m

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 15:20:17 UTC
From: Mike May
Topic: 13650  Message: 13783

And he used the fillings in Gilligans teeth to demodulate AM broadcast band signals. I wonder if he could do Apco25 if the show was still on today ?

Mike
WB8VLC/7

Pres Waterman wrote:

> > So who is it that does the actual re-work --- Gilligan, the Skipper
> ?
> > Hope it's the professor.
>
> Cool. He could make a whole ham radio out of a coconut and some beach
> grass.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
> Long Island Ford and Kia Dealer
>
> GO BILLS!
>
>
>
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[Non-text portions of this message have been removed]

# 13784. NO RX ON HF 6M THE S9+ SIGNALS IS S0

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 20:32:20 UTC
From: sv3fuo2000
Topic: 13784  Message: 13784

DEAD RX IN HF 6M .HELLO I HAVE THIS PROBLEM IN HF AND 6M .ITS LIKE
SOME THING CUT COAXIAL OF ANTENNA BUT IT ISNT.THE TX IS OK I TEST
THIS ON 6M .
NO SWR NOT PROBLEM WITH MENU OR OTHER.I MAKE FULL RESET BUT AFTER ITS
THE SAME.THIS PROBLEM IS IN ALL MODES THE RX FROM HF 6M DONT WORK.
ANY ONE KNOW SOMETHING PSE ...73 ! DE SV3FUO
(ABOUT 2M 70CM ITS OK RX-TX)

# 13785. TCXO-8 Close but no cigar.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 19:34:57 UTC
From: J. Craswell
Topic: 13785  Message: 13785

> Message: 3
> Date: Mon, 29 Apr 2002 10:45:15 -0700
> From: "David Kiwerski, Senior Comm Tech, OCSD Communications"
<david.kiwerski@...>
> Subject: Re: TCXO-8 Details
>
> On checking the CAP page, they say it only does not meet their specs for
VHF
>
> HF listing
> http://www.ntc.cap.gov/comm/equipment/HF_Lists.cfm
>
> VHF listing
> http://www.ntc.cap.gov/comm/equipment/Lists.cfm
> "VHF Freq stability is without TCXO-8 High Stabilit"
>
> So, it would seem that with the high stability TCXO-8 it would meet their
specs.
>
> DaveK wp2aat

Hi Dave I rechecked the HF section. Are you looking at the 1 Thousand D?
Not the 1 hundred D? The 100D does not meet specs with or without the
TCXO-8. It's close! Damn close but no cigar :(

73 de Jay W0VNE

# 13786. Re: [FT100] TCXO-8 Close but no cigar.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-30 21:27:27 UTC
From: David Kiwerski, Senior Comm Tech, OCSD C
Topic: 13785  Message: 13786

Let me amend the VHF comment with it would seem that it would meet specs at VHF with the TCXO-8 installed. HF, as you say, is damn close. Pity!

"J. Craswell" wrote:

> > Message: 3
> > Date: Mon, 29 Apr 2002 10:45:15 -0700
> > From: "David Kiwerski, Senior Comm Tech, OCSD Communications"
> <david.kiwerski@...>
> > Subject: Re: TCXO-8 Details
> >
> > On checking the CAP page, they say it only does not meet their specs for
> VHF
> >
> > HF listing
> > http://www.ntc.cap.gov/comm/equipment/HF_Lists.cfm
> >
> > VHF listing
> > http://www.ntc.cap.gov/comm/equipment/Lists.cfm
> > "VHF Freq stability is without TCXO-8 High Stabilit"
> >
> > So, it would seem that with the high stability TCXO-8 it would meet their
> specs.
> >
> > DaveK wp2aat
>
> Hi Dave I rechecked the HF section. Are you looking at the 1 Thousand D?
> Not the 1 hundred D? The 100D does not meet specs with or without the
> TCXO-8. It's close! Damn close but no cigar :(
>
> 73 de Jay W0VNE
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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# 13787. No Problems Found?.....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 02:02:48 UTC
From: The Scholtz's
Topic: 13787  Message: 13787

******** The reference to the "3 hour tour" is that it takes an unusually
********long time to get a radio back from Yaesu when they proclaim that said
********radios have "no problems" and most problems are user related. Gee..
********if that were the case, the radios should be back within 3 weeks.. If
********they really cared about their customers, they would supply the big
********dealers and repair facilities with parts and allow them to perform
********FT100 repairs to speed things up. Shame as they say.. Regards

In response to this statement, I have worked in "consumer electronics" repair shops for some 15 years now. The last 1 1/2 years as a repair tech at a Motorola dealer. Let me just say this, OVER two thirds of the radios brought in for repair, have NO PROBLEMS. I am sure Yaesu has the same policy that every place I have ever worked at does, first in, first looked at. Every time a Technician picks up the next radio in line, He first has to find the problem, on a ham Radio that is worse than on the "single banders" I work on most every day. Take the FT100 for example, 11 different bands to check, each with several modes etc., how much time do you suppose it takes to do that? well, the radio might check fine, now we better let it heat up awhile and make sure it is not an intermittent or heat related problem. Then check everything again. after all, only an IDIOT would send a radio in for repair before they checked the antenna, coax, coax connectors, grounds, power supplies, battery connections.. etc. etc. And the boss dont pay if the radio comes back a second time. The point is, It takes MORE time to double or triple check a radio that has no problem. Its much quicker to hook them up and find the problem right away, as when they really are bad. Now consider, for every radio that does have a problem, I have to look at two that dont. It is the "No Problems Found" radios that create the backlog at repair shops. I would think that Ham's would be more likely to rule every thing else out first, but experience has shown they are the worst. They refuse to believe their PL259 was not on right, because they did it themselves. For example, I went to a friends house to work a contest with 2 other Hams (Both educated Extras) when I showed up I found one of them on the Tower changing out the remote coax switch, The other one in the house inside the radio and amp because the receiver "lost sensitivity" before I got there they had changed the coax connectors, replaced jumpers..... They finally decided they RF overloaded the radio, when all was reassembled I sat down, looked at it for a few seconds, and showed them the squelch knob on the TS570. The receiver magically came back to life when the squelch was backed off!
If you say you haven't been involved in a situation like that before, you are a liar or have a bad memory. Just dont be so quick to blame the radio. I bought someone else's "Broken" FT100D and use it to this day with NO Problems, and NO repairs.

Sorry for being windy again!

Jeff
KCØJAO

[Non-text portions of this message have been removed]

# 13788. Re: [FT100] No Problems Found?.....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 00:13:31 UTC
From: Norm, W3IZ
Topic: 13787  Message: 13788

I couldn't agree with you more, Jeff. But as my experience in managing computer repair facilities one other factor has to be tossed into the equation; budget and bottom line. The boss isn't going to give you more payroll if you're a little backed up and the techs have to turn some work around to make a profit. But no matter how you look at it one quarter of a year is too long to wait to have anything repaired. So perhaps they need to have better way of triaging the repairs. This might even include an interactive website where the user can follow a flow chart and eliminate the "Squelch Knob Syndrome" or other user error. As we would say, the problem is with the chair to keyboard interface.
73,
Norm, W3IZ
----- Original Message -----
From: The Scholtz's
To: FT100@yahoogroups.com
Sent: Tuesday, April 30, 2002 10:02 PM
Subject: [FT100] No Problems Found?.....

******** The reference to the "3 hour tour" is that it takes an unusually
********long time to get a radio back from Yaesu when they proclaim that said
********radios have "no problems" and most problems are user related. Gee..
********if that were the case, the radios should be back within 3 weeks.. If
********they really cared about their customers, they would supply the big
********dealers and repair facilities with parts and allow them to perform
********FT100 repairs to speed things up. Shame as they say.. Regards

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and amp because the receiver "lost sensitivity" before I got there they had changed the coax connectors, replaced jumpers..... They finally decided they RF overloaded the radio, when all was reassembled I sat down, looked at it for a few seconds, and showed them the squelch knob on the TS570. The receiver magically came back to life when the squelch was backed off!
If you say you haven't been involved in a situation like that before, you are a liar or have a bad memory. Just dont be so quick to blame the radio. I bought someone else's "Broken" FT100D and use it to this day with NO Problems, and NO repairs.

Sorry for being windy again!

Jeff
KCØJAO

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13789. Honda Accord, FT-100D, and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 01:38:23 UTC
From: keytonw
Topic: 13789  Message: 13789

I'm considering buying an FT-100D and an ATAS-100 for mobile use.
I've perused the archives and have seen several ways to mount these
in a Honda Accord. Is there a "right" way and a "wrong" way? I don't
want to mess it up....

Thank you!!!!

Keyton

# 13790. Re: NO RX ON HF 6M THE S9+ SIGNALS IS S0

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 10:01:29 UTC
From: sv3fuo2000
Topic: 13784  Message: 13790

--- In FT100@y..., "sv3fuo2000" <sv3fuo2000@y...> wrote:
> DEAD RX IN HF 6M .HELLO I HAVE THIS PROBLEM IN HF AND 6M .ITS LIKE
> SOME THING CUT COAXIAL OF ANTENNA BUT IT ISNT.THE TX IS OK I TEST
> THIS ON 6M .
> NO SWR NOT PROBLEM WITH MENU OR OTHER.I MAKE FULL RESET BUT AFTER
ITS
> THE SAME.THIS PROBLEM IS IN ALL MODES THE RX FROM HF 6M DONT WORK.
> ANY ONE KNOW SOMETHING PSE ...73 ! DE SV3FUO
> (ABOUT 2M 70CM ITS OK RX-TX)

# 13791. NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 10:13:21 UTC
From: 35IR184/35SD184/35LD184
Topic: 13791  Message: 13791

Just to say hello from Austria to all members connected to this fine forum...

I joined a few days ago, when I received my FT100D from the german dealer....
Took me 8!!! Weeks to wait for it...But I am happy to have a unit of the latest production series... The serial nr. Production date January 2002!!!
So I guess all the mods have been done??!! Anybody who can confirm this??

Anyway it□s a great little rig, and I really like it much even if I am only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the FT100... I had to decide between IC706MKIIG and FT100D... Finally I think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO kangaroos.... )

Chris
OE5CSP

# 13792. Re: [FT100] Re: NO RX ON HF 6M THE S9+ SIGNALS IS S0

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 11:17:36 UTC
From: john BUNKER
Topic: 13784  Message: 13792

After a month my new ft-100 went the same way so it was under warrenty sent
it back to dealer they eplaced q1060 on main unit.Was ok on vhf and above
and tx ok.

>From: "sv3fuo2000" <sv3fuo2000@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] Re: NO RX ON HF 6M THE S9+ SIGNALS IS S0
>Date: Wed, 01 May 2002 10:01:29 -0000
>
>--- In FT100@y..., "sv3fuo2000" <sv3fuo2000@y...> wrote:
> > DEAD RX IN HF 6M .HELLO I HAVE THIS PROBLEM IN HF AND 6M .ITS LIKE
> > SOME THING CUT COAXIAL OF ANTENNA BUT IT ISNT.THE TX IS OK I TEST
> > THIS ON 6M .
> > NO SWR NOT PROBLEM WITH MENU OR OTHER.I MAKE FULL RESET BUT AFTER
>ITS
> > THE SAME.THIS PROBLEM IS IN ALL MODES THE RX FROM HF 6M DONT WORK.
> > ANY ONE KNOW SOMETHING PSE ...73 ! DE SV3FUO
> > (ABOUT 2M 70CM ITS OK RX-TX)
>
>
>
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# 13793. HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 15:59:39 UTC
From: mndumont
Topic: 13793  Message: 13793

I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT ANTENNAS AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440 HAS CHANGED FOR THE WORST.

THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY UNTIL JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT HAVE TO GO.

MARK
N1DU

# 13794. Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 16:21:21 UTC
From: w1pa
Topic: 13793  Message: 13794

--- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A
> SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT ANTENNAS
> AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440
HAS
> CHANGED FOR THE WORST.
>
> THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY UNTIL
> JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT HAVE TO
GO.
>
> MARK
> N1DU

Mobile or Base? If mobile, have you ruled out other things like the mount or the coax?

Having read this group since November, I wouldn't characterize it as a "known" problem.

Bill
W1PA

# 13795. Re: NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 11:15:58 UTC
From: ft100guy
Topic: 13791  Message: 13795

> 
> BTW thanks for this forum, I have got some real good infos about the
> FT100... I had to decide between IC706MKIIG and FT100D... Finally I
> think I have done the right thing!!!
> 
> Greetings from Austria (NOT Australia, we have high mountains but NO
> kangaroos.... )
> 
> Chris
> OE5CSP

Hey Chris good luck with the new rig! Anyway, I really love your beer.. Fosters ehhh.. Oh you said Austria.. Never mind.. :-) Did you grow up near Arnold? Regards.. Richy N2ZD

# 13796. Re: [FT100] Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 16:35:23 UTC
From: Scott Kamm
Topic: 13793  Message: 13796

Sounds like you'll have to do the grounding mod and sheilding mod.Mine did
the same thing than I sent it in for this mod.

w1pa wrote:

> --- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> > I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A
> > SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT ANTENNAS
> > AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440
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> > N1DU
>
> Mobile or Base? If mobile, have you ruled out other things like the
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> Bill
> W1PA
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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# 13797. Re: No Problems Found?.....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 10:56:18 UTC
From: ft100guy
Topic: 13787  Message: 13797

> If you say you haven't been involved in a situation like that before, you are a liar or have a bad memory. Just dont be so quick to blame the radio. I bought someone else's "Broken" FT100D and use it to this day with NO Problems, and NO repairs.
>
> Sorry for being windy again!
>
> Jeff
> KCØJAO

In fact I have been involved in silly incidents that cause hours of down time and I have often emerged redfaced to find that it was a jumper etc.. But here we are talking about readily repeatable and Identifiable problems which occur in the majority ... Over and over again.

Overheating, the result? A blown final and rx degradation.. The cause? Firmware error not allowing fans to operate in relation to temperature (on UHF and VHF) rather they are timed to operate during tx plus 7-8 seconds..

Hi SWR.. Cause? Failing or failed copper tape "band-aid" solution inside the radio, some right out of the box, others like yours (foreshadowing element) will occur with age.

Once again, I reiterate.. If you dont complete these mods simply because your FT100 or D "works" now puts you in the minority and also puts your radio at risk.. It also opens you up to operating a sub-standard radio which at times may be in violation of FCC regs regarding spurious output.

As it has been established here, Yaesu will do the mods but will never admit to there being a problem. In addition, why should these "unnecessary" mods take 2-3 months to do? Everything else I have owned that has broken under warranty has been repaired in a "timely" fashion. You mentioned burn in band testing etc. True, but I have waited no more than a month for any radio I had repaired under warranty from any of the big three(including shipping time.) It simply seems that Yaesu didnt heed the warning and is no backlogged with radios at the owners expense.

I do agree with what you are saying, but not when it applies to Yaesu. These problems are the end result of Yaesu not taking action before shipping them. Things they were well aware of within the first year of production. In fact, the first post of failed finals and swr problems occured within the first few weeks/months of this lists

inception.

In addition, countless emails,phone calls etc. have been made to these people warning them of the problems. The end result? Nothing has been done to even attempt to correct these radios until approx May of 2001 where some of those vintage radios came with the swr mod.

Wanna fix it? Get to the end of the very long line of customers and wait your 3 months for repair. Thats Yaesu's way of saying Thank You to its customers.

Regards.. Richy N2ZD

# 13798. Re: Honda Accord, FT-100D, and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 11:12:42 UTC
From: ft100guy
Topic: 13789  Message: 13798

--- In FT100@y..., "keytonw" <keytonw@y...> wrote:
> I'm considering buying an FT-100D and an ATAS-100 for mobile use.
> I've perused the archives and have seen several ways to mount these
> in a Honda Accord. Is there a "right" way and a "wrong" way? I
don't
> want to mess it up....
>
> Thank you!!!!
>
> Keyton

Hi Keyton,

Mine was mounted in an Accord for some time. I did have some noise when the a/c or blower was on but it worked out ok otherwise. Mine was a 91 accord.. Firstly, get a separation kit and quick release bracket so you can mount the rig in the trunk of the car. I started by running some heavy gauge fused wire from the battery to the trunk area, then mounted the FT 100 to a aluminum square stock bar which was suspended from the trunk deck (there are three screw holes in the rear deck, pop the caps and hang the bar from those two forward most holes and make spacers so the bar suspends properly yet keeps the radio high enough to avoid damage. You can add a noise supressor next to the rig at this point also.
The rig should have two ground straps (Help automotive Brand valve cover ground straps work well and they are cheap) from each side of the rig to each bolt suspending the rig.

The ATAS is equally simple to mount.. Simply purchase the Lakewood brand license plate mount and make sure that you secure the mount to the car using bolts and nuts to prevent any chance of it pulling free from the car. They supply a ground strap which you can pass thru the license plate light housing to the inside of the trunk and ground it inside to the lid. You can invert the Lakewood supplied connector so that the connector mates with the atas and the threaded post faces down, mod the coax so it has weatherproofed lugs and attach it accordingly. Now you can thread the ATAS to the mount and remove it easily when not in use.

Mount the head unit in the vehicle with the Yaesu remote mount kit if you desire. I had mine attached to the glove box using the supplied bracket that came with the kit. Not the greatest place as its better to have the head mounted in your line of sight. So keep that in mind.. Regards.. Richy N2ZD

# 13799. AW: [FT100] Re: NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 16:53:33 UTC
From: 35IR184/35SD184/35LD184
Topic: 13791  Message: 13799

Hey we have also good beer in austria... even wheatbeer!! :-))))
No I don□t live near Arnolds home, he was born near GRAZ that□s in styria I am approx. 200km north-east from the city of GRAZ... My wife is studying medicine there....

Had no time today for the radio, the wheater was absolutely great with temperatures above 22 degrees...

BTW do you know if I have to modify my microphone, I have the standard model without the DTMF on it... (read something about mic mods few days ago on this forum here!!)

Should collect some more reports before I do anything to this cute little rig... :-)))

73´s from austria

-----Ursprüngliche Nachricht-----
Von: ft100guy [mailto:ss409ss@...]
Gesendet: Mittwoch, 1. Mai 2002 13:16
An: FT100@yahoogroups.com
Betreff: [FT100] Re: NEW TO THE FORUM

>
> BTW thanks for this forum, I have got some real good infos about the
> FT100... I had to decide between IC706MKIIG and FT100D... Finally I
> think I have done the right thing!!!
>
> Greetings from Austria (NOT Australia, we have high mountains but NO
> kangaroos.... )
>
> Chris
> OE5CSP

Hey Chris good luck with the new rig! Anyway, I really love your beer.. Fosters ehhh.. Oh you said Austria.. Never mind.. :-) Did you grow up near Arnold? Regards.. Richy N2ZD

Post message: FT100@yahoogroups.com
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# 13800. Re: [FT100] Re: Honda Accord, FT-100D, and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 16:52:28 UTC
From: Norm, W3IZ
Topic: 13789  Message: 13800

K. I have a Chevy Cavelier but this applies to any mobile instalation.
You could use a Pana Vise swive mount to locate the control head in a more user friendly posotion. Also it would be reccomended to get the coil of the ATAS up high. I made a bracket that is mounted underneath to the frame of my car. And by all means do run heavy guage cable directly from the battery and fuse it close to the battery. If you don't fuse it close to the battery and there is a short between the rig's fuses and the battery then you will start a fire. Make all leads a short as possible. As for blower noise and such, try putting a few split ferrite bead over those leads. Good luck and happy mobiling.
Check out the installation here:
http://mywebpages.comcast.net/w3iz/mobile.html

73,
Norm, W3IZ
----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Wednesday, May 01, 2002 7:12 AM
Subject: [FT100] Re: Honda Accord, FT-100D, and ATAS-100

--- In FT100@y..., "keytonw" <keytonw@y...> wrote:
> I'm considering buying an FT-100D and an ATAS-100 for mobile use.
> I've perused the archives and have seen several ways to mount these
> in a Honda Accord. Is there a "right" way and a "wrong" way? I
don't
> want to mess it up....
>
> Thank you!!!!
>
> Keyton

Hi Keyton,

Mine was mounted in an Accord for some time. I did have some noise when the a/c or blower was on but it worked out ok otherwise. Mine was a 91 accord.. Firstly, get a separation kit and quick release bracket so you can mount the rig in the trunk of the car. I started by running some heavy gauge fused wire from the battery to the trunk area, then mounted the FT 100 to a aluminum square stock bar which was suspended from the trunk deck (there are three screw holes in the rear deck, pop the caps and hang the bar from those two forward most holes and make spacers so the bar suspends properly yet keeps the radio high enough to avoid damage. You can add a noise supressor next to the rig at this point also.
The rig should have two ground straps (Help automotive Brand valve cover ground straps work well and they are cheap) from each side of the rig to each bolt suspending the rig.

The ATAS is equally simple to mount.. Simply purchase the Lakewood brand license plate mount and make sure that you secure the mount to the car using bolts and nuts to prevent any chance of it pulling free from the car. They supply a ground strap which you can pass thru the license plate light housing to the inside of the trunk and ground it inside to the lid. You can invert the Lakewood supplied connector so that the connector mates with the atas and the threaded post faces down, mod the coax so it has weatherproofed lugs and attach it accordingly. Now you can thread the ATAS to the mount and remove it easily when not in use.

Mount the head unit in the vehicle with the Yaesu remote mount kit if you desire. I had mine attached to the glove box using the supplied bracket that came with the kit. Not the greatest place as its better to have the head mounted in your line of sight. So keep that in mind.. Regards.. Richy N2ZD

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[Non-text portions of this message have been removed]

# 13801. RE: [FT100] Honda Accord, FT-100D, and ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 18:10:16 UTC
From: Nelson Moyer
Topic: 13789  Message: 13801

My setup uses the trunk mount and remote mounting kit. I used the Diamond K400 mount and placed it as close to the trunk hinge as possible for structural support. Honda uses pretty flimsy steel and the mount tends to flex a bit at highway speed. I used coax braid to ground the radio mount to the frame. I ran the cables under the inside trim molding on the driver side around under the dash to the console. I made an aluminum mounting plate to support the remote head bracket, painted it black, and attached it to the two screws under the dash even with the console. I punched a hole in the rubber grommet in the firewall on the driver side to get the power cable into the car. I'm using a remote speaker clipped to the driver side visor. I had to put a piece of velcro tape on the back of the speaker to keep it from sliding off the visor. The speaker wire is hidden behind the trim molding on the left side of the windshield. No wires show, and the only holes I made were in the firewall grommet and the frame in the trunk for the coax ground wire to the radio mount in the trunk. The remote wires will pass thought to the trunk by pulling back the edge of the back seat a bit. There is already an opening there, and I used a straightened coathanger to fish the wires. I check the continuity occassionally between the antenna mound and chassis ground every couple of months so the ATAS-100 continues to tunes OK. I've never had a problem with this setup. I do mostly HF mobile on trips, and 2 meters locally.

Nelson, KU0A
-----Original Message-----
From: keytonw [mailto:keytonw@...]
Sent: Tuesday, April 30, 2002 20:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] Honda Accord, FT-100D, and ATAS-100

I'm considering buying an FT-100D and an ATAS-100 for mobile use.
I've perused the archives and have seen several ways to mount these
in a Honda Accord. Is there a "right" way and a "wrong" way? I don't
want to mess it up....

Thank you!!!!

Keyton

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[Non-text portions of this message have been removed]

# 13802. Re: No Problems Found?.....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 18:11:46 UTC
From: backhoefade
Topic: 13787  Message: 13802

One of the key points is that the FT-100D has two basic design flaws, one of which is present in every unit (no fan operation during extended VHF/UHF receive periods), the other of which is present in a fairly sizable percentage of rigs (spurious oscillation at 13.65 MHz and 2x and 3x that freq which causes the SWR icon to show). The complaint of many is that Yaesu decided to handle these issues on an individual customer complaint basis rather than addressing the whole thing with an overall recall or at least a published warning which advises about the manifestation of the problems and how to fix them. Instead, we had to discover this through discussion on the Yahoo discussion forum. The numerous attempts to solve the spurious issue by installing additional external grounding, etc, while the correct solution (known by Yaesu) was to install internal ground straps screwed into the chassis rib, was a source of huge frustration for many FT-100D owners. This has led to certain degree of mistrust on the part of many Yaesu clients so they were probably re-thinking their approach to handling the two known design flaws at some point. But they continued to handle the two know design flaws on an individual basis. That's what a lot of people are upset about (at least the ones that are aware of the real situation). Lesson learned? That's an easy question - in the future when you consider buying a rig, check out the level of criticism on the web forums. There is no more honest and straight forward critique than that of the paying customer. And always bear in mind that the QST (and other magazine) product reviews are going to emphasize the strong points and gloss over the weak points in any product they review since they don't want to bite the advertiser's hand that feeds them.
Last comment - the FT-100D is one excellent rig (once you fix the oscillation and fan issues). The receiver is outstanding!
N6AF Chas

--- In FT100@y..., "The Scholtz's" <scholtz@n...> wrote:
> ******** The reference to the "3 hour tour" is that it takes an unusually
> ********long time to get a radio back from Yaesu when they proclaim that said
> ********radios have "no problems" and most problems are user related. Gee..
> ********if that were the case, the radios should be back within 3 weeks.. If
> ********they really cared about their customers, they would supply the big
> ********dealers and repair facilities with parts and allow them to perform
> ********FT100 repairs to speed things up. Shame as they say..

Regards
>
>
> In response to this statement, I have worked in "consumer electronics" repair shops for some 15 years now. The last 1 1/2 years as a repair tech at a Motorola dealer. Let me just say this, OVER two thirds of the radios brought in for repair, have NO PROBLEMS. I am sure Yaesu has the same policy that every place I have ever worked at does, first in, first looked at. Every time a Technician picks up the next radio in line, He first has to find the problem, on a ham Radio that is worse than on the "single banders" I work on most every day. Take the FT100 for example, 11 different bands to check, each with several modes etc., how much time do you suppose it takes to do that? well, the radio might check fine, now we better let it heat up awhile and make sure it is not an intermittent or heat related problem. Then check everything again. after all, only an IDIOT would send a radio in for repair before they checked the antenna, coax, coax connectors, grounds, power supplies, battery connections.. etc. etc. And the boss dont pay if the radio comes back a second time. The point is, It takes MORE time to double or triple check a radio that has no problem. Its much quicker to hook them up and find the problem right away, as when they really are bad. Now consider, for every radio that does have a problem, I have to look at two that dont. It is the "No Problems Found" radios that create the backlog at repair shops. I would think that Ham's would be more likely to rule every thing else out first, but experience has shown they are the worst. They refuse to believe their PL259 was not on right, because they did it themselves. For example, I went to a friends house to work a contest with 2 other Hams (Both educated Extras) when I showed up I found one of them on the Tower changing out the remote coax switch, The other one in the house inside the radio and amp because the receiver "lost sensitivity" before I got there they had changed the coax connectors, replaced jumpers..... They finally decided they RF overloaded the radio, when all was reassembled I sat down, looked at it for a few seconds, and showed them the squelch knob on the TS570. The receiver magically came back to life when the squelch was backed off!
> If you say you haven't been involved in a situation like that before, you are a liar or have a bad memory. Just dont be so quick to blame the radio. I bought someone else's "Broken" FT100D and use it to this day with NO Problems, and NO repairs.
>
> Sorry for being windy again!
>
> Jeff
> KCØJAO
>
>
> [Non-text portions of this message have been removed]

# 13803. Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 18:18:09 UTC
From: backhoefade
Topic: 13793  Message: 13803

You have the fairly common problem of spurious oscillation which is corrected by adding some internal grounding straps which get screwed into the chassis rib. You will likely see similar behavior when you try operating on 24 and 28 MHz. I suggest you have the Yaesu service center do the mod if it's still under warranty but be prepared to give up the rig for quite a few weeks. You should ask for the "VHF/UHF fan mod" while you're at it. That will allow the fan to come on automatically during long receive periods of VHF/UHF operation.
N6AF Chas

--- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A
> SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT ANTENNAS
> AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440
HAS
> CHANGED FOR THE WORST.
>
> THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY UNTIL
> JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT HAVE TO
GO.
>
> MARK
> N1DU

# 13804. Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 18:29:50 UTC
From: w1pa
Topic: 13793  Message: 13804

I thought the SWR mod only showed up on the HF side?

Bill

--- In FT100@y..., Scott Kamm <n0ugn@b...> wrote:
> Sounds like you'll have to do the grounding mod and sheilding
mod.Mine did
> the same thing than I sent it in for this mod.
>
> w1pa wrote:
>
> > --- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> > > I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A
> > > SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT
ANTENNAS
> > > AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440
> > HAS
> > > CHANGED FOR THE WORST.
> > >
> > > THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY
UNTIL
> > > JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT HAVE
TO
> > GO.
> > >
> > > MARK
> > > N1DU
> >
> > Mobile or Base? If mobile, have you ruled out other things like
the
> > mount or the coax?
> >
> > Having read this group since November, I wouldn't characterize it
as
> > a "known" problem.
> >
> > Bill
> > W1PA
> >

# 13805. Re: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 18:53:04 UTC
From: Dick Thompson
Topic: 13791  Message: 13805

Welcome to the forum, Chris. Nice to have you aboard. Your manufacture date is the newest I've seen on here. The serial number must start with 2C. Right?

I don't know whether anyone can really say for sure if the mods have been done on your new 100D. Do the fans run continually on VHF/UHF like they do on HF (when receiving)? If they do, then at least the fan mod has been done on yours. Also, mention has been made of a Blue dot on the label or box. Do you see anything like that?

Let us know.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Wednesday, May 01, 2002 4:13 AM
Subject: [FT100] NEW TO THE FORUM

Just to say hello from Austria to all members connected to this fine forum...

I joined a few days ago, when I received my FT100D from the german dealer....
Took me 8!!! Weeks to wait for it...But I am happy to have a unit of the latest production series... The serial nr. Production date January 2002!!!
So I guess all the mods have been done??!! Anybody who can confirm this??

Anyway it's a great little rig, and I really like it much even if I am only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the FT100... I had to decide between IC706MKIIG and FT100D... Finally I think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO kangaroos.... )

Chris
OE5CSP

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[Non-text portions of this message have been removed]

# 13806. ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 19:05:33 UTC
From: mndumont
Topic: 13806  Message: 13806

Regarding the Ground Strap and Fan mod for the High SWR on 440.

Is there any visible way to check and see if these mods have been done other than opening the radio?

Thanks
I really appreciate the feedback... I will hate sending the radio back to yaesu.

Mark
n1du

# 13807. FT100 and ATAS100 for sale!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 19:32:20 UTC
From: Booker, Andy
Topic: 13807  Message: 13807

Sold my truck and no where to put my radio for now.
Guess I will sell it and get another one in a few years.
Have the radio and antenna for about 2 and half years --Love it!
Never had a problem. Did do the fan mod just in case.
Has separation kit, boxes and manuals. Early model, not a "D".
Non-smoker, no major scratches or damage to the unit. Looks almost new!
Everything Works! Will through in antenna mount to boot!
Asking $800 for all!
email: n4wwt@...
Call: 770-522-6153w 770-973-5535h
Andy Booker

# 13808. ATAS-100 ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 20:58:12 UTC
From: Marshall, Keith
Topic: 13808  Message: 13808

First time writing to the FT-100 group. Seems to be a lot of good information floating around from the subscribers to the net. I have had an FT-100 for about two years now and it has worked great with no problems until recently. It is in it's second Honda Civic. The first one was a 1998 and now a 2001 LX. The radio is mounted under the passenger seat and the control head is remote mounted to just below the commercial radio. I did use an Outbacker Perth on the license plate mount with the FC-20 tuner. A year ago I changed to the ATAS-100 also on the license plate mount.
All worked well until a friend acquired a used ATAS-100 that would not tune correctly. We swapped it with mine to see if it was an antenna problem. The problem turned out to be grounding. But while un-screwing my ATAS-100 the stainless steel adapter that the SO-239 screws into, at the base of the ATAS-100, was also turning. When I noticed this I re-tightened the SS base but the antenna ceased to work after that. This was prior to my knowledge of this group. Being the Antenna was dead and no continuity between center conductor and ground I proceed to disassemble. Being that the base had already been un-screwed, I removed it. There is a plastic sheath above it held on with two small set screws. I removed the sheath. There I found the cause of the problem. Under the sheath is a plastic, (Teflon?), coil form with wire about a # 14 gage wire wound on it. It had become detached from the top where it had been soldered to the outer conductor of the antenna. The problem was that the end of the wire was about 3/8 of an inch past where it had previously been soldered. Not knowing how the coil form was held in place I soldered the wire where it was. After reassembly the antenna would tune again but only some bands. I plan to have another go at it but before I do thought I would run it past the group to see if anyone had any experience or suggestions.
OBTW I did look at the K0LEE website at the ATAST4.jpg drawing. The area I am referring to is labeled Remote Unit on the drawing, but no parts break down.
TNX,
Keith Marshall, AB8BD
Exhibits Chairman
Dayton Hamvention

[Non-text portions of this message have been removed]

# 13809. Re: ATAS-100 ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 21:17:06 UTC
From: w1pa
Topic: 13808  Message: 13809

Under the sheath is a plastic, (Teflon?), coil form with wire about
a # 14 gage wire wound on it. It had become detached from the top
where it had been soldered to the outer conductor of the antenna. The
problem was that the end of the wire was about 3/8 of an inch past
where it had previously been soldered. Not knowing how the coil form
was held in place I soldered the wire where it was. After reassembly
the antenna would tune again but only some bands. I plan to have
another go at it but before I do thought I would run it past the
group to see if anyone had any experience or suggestions.
> OBTW I did look at the K0LEE website at the ATAST4.jpg drawing.
The area I am referring to is labeled Remote Unit on the drawing, but
no parts break down.
> TNX,
> Keith Marshall, AB8BD
> Exhibits Chairman
> Dayton Hamvention

Ah, Keith, welcome to my world.... :-) Been there, done that,
painfully.

Take a look at notes 13307, 11522, 11203, and 7222 in the archive.

I'll even give you starting links:
http://groups.yahoo.com/group/FT100/message/11203
...and especially
http://groups.yahoo.com/group/FT100/message/7222

You should have been here before they put screws in those things. The
only way to get it off was to dremel it off.

Bill
W1PA

# 13810. Remote base / controller interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 22:49:48 UTC
From: wb5nfc
Topic: 13810  Message: 13810

Greetings to the group.

Is anyone using the FT-100 as a link in a remote base? I'm
especially interested in comments on ease of controller interfacing
and versatility.

Thanks in advance.

John Kenney / WB5NFC

# 13811. Re: [FT100] Remote base / controller interface

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 23:38:48 UTC
From: kevin asato
Topic: 13810  Message: 13811

take a look at n5cn (Carl Noblitt) web site: http://home1.gte.net/cnoblitt/RPTRS3.htm. he does just that in the dallas area. I found out about it as I used to work with him.Kevin K AsatoKC6POBADC Tech Support--- wb5nfc wrote:> Greetings to the group.> > Is anyone using the FT-100 as a link in a remote> base? I'm> especially interested in comments on ease of> controller interfacing > and versatility.> > Thanks in advance.> > John Kenney / WB5NFC> > >

---
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[Non-text portions of this message have been removed]

# 13812. Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 04:00:09 UTC
From: backhoefade
Topic: 13793  Message: 13812

Mostly yes; but it's been reported on 440 MHz also. Some people have reported VHF/UHF PA 'death' for no good reason, so take a gander.

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> I thought the SWR mod only showed up on the HF side?
>
> Bill
>
>
> --- In FT100@y..., Scott Kamm <n0ugn@b...> wrote:
> > Sounds like you'll have to do the grounding mod and sheilding
> mod.Mine did
> > the same thing than I sent it in for this mod.
> >
> > w1pa wrote:
> >
> > > --- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> > > > I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL
OF A
> > > > SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT
> ANTENNAS
> > > > AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON
440
> > > HAS
> > > > CHANGED FOR THE WORST.
> > > >
> > > > THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY
> UNTIL
> > > > JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT
HAVE
> TO
> > > GO.
> > > >
> > > > MARK
> > > > N1DU
> > >
> > > Mobile or Base? If mobile, have you ruled out other things like
> the
> > > mount or the coax?
> > >
> > > Having read this group since November, I wouldn't characterize
it
> as
> > > a "known" problem.
> > >

> > > Bill
> > > W1PA
> > >

# 13813. Re: ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 04:21:26 UTC
From: backhoefade
Topic: 13806  Message: 13813

My understanding is that the same ground strap that fixes the HF stability issue also addresses the 440 MHz one. You can see photos of the proper "screwed into the chassis rib" modification here in the photos section. The only way to check if it has been done is to open up the rig. That's not that big a deal to do - just do it carefully. You have to remove the screws that hold the chassis covers in place. The top cover removal will expose the area where the 'screwed in' ground strap should be. You will learn that chassis covers have tabs that slip in under the front piece of the rig so you will have to carefully lift up the rear portion of the chassis cover and pull it out towards the rear of the rig to free up those tabs from the front portion.

Actually it might be two screwed in ground straps - check the pictures or someone else can comment on whether or not it's two straps. Regardless of the number being one or two, it (or they) are screwed into the chassis rib.

The Yaesu fan mod consists of adding a temperature sensitive switch on top of the VHF/UHF PA. I believe they actually glue the thing onto one of the PA devices. There are pictures of that addition in the photos gallery of this website and elsewhere. You have to take off the bottom chassis cover to view whether or not that mod was done since the PA devices (both HF and VHF/UHF) are mounted on one of the the 'underside' circuit boards.

--- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> Regarding the Ground Strap and Fan mod for the High SWR on 440.
>
>
> Is there any visible way to check and see if these mods have been
> done other than opening the radio?
>
> Thanks
> I really appreciate the feedback... I will hate sending the radio
> back to yaesu.
>
> Mark
> n1du

# 13814. New

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 07:31:48 UTC
From: omar
Topic: 13814  Message: 13814

Hi everybody:

I am new to the group. My name is Omar YK1AO. Best regards to all those of you that I ever worked and to those that do not know me hoping that we can have a qso one day.

Saad, N5FF who is visiting Damascus now told me that he heard that there are two major modifications that should be made to the FT-100D. Something about the SWR and the other about the fan.

I have a FT-100D donated graciously by the YK9A group. It was bought in February 2001. I operated it only a couple of times. But now that I know of the modifications, I would like to do them and start operating this nice radio.

I need help, please with detailed instructions of what should be done.

Van anybody help, please ? Thank you.

Best 73 to all

Omar, YK1AO

[Non-text portions of this message have been removed]

# 13815. RE: [FT100] Re: ATAS-100 ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 12:49:09 UTC
From: Marshall, Keith
Topic: 13808  Message: 13815

Thanks Bill, Good information. Think I'll have another go at it this weekend armed with this excellent information. I'll let you know if I'm successful or crash and burn :-)

TNX,
Keith, AB8BD

-----Original Message-----
From: w1pa [mailto:w1pa@...]
Sent: Wednesday, May 01, 2002 5:17 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: ATAS-100 ??

Under the sheath is a plastic, (Teflon?), coil form with wire about a # 14 gage wire wound on it. It had become detached from the top where it had been soldered to the outer conductor of the antenna. The problem was that the end of the wire was about 3/8 of an inch past where it had previously been soldered. Not knowing how the coil form was held in place I soldered the wire where it was. After reassembly the antenna would tune again but only some bands. I plan to have another go at it but before I do thought I would run it past the group to see if anyone had any experience or suggestions.
> OBTW I did look at the K0LEE website at the ATAST4.jpg drawing. The area I am referring to is labeled Remote Unit on the drawing, but no parts break down.
> TNX,
> Keith Marshall, AB8BD
> Exhibits Chairman
> Dayton Hamvention

Ah, Keith, welcome to my world.... :-) Been there, done that, painfully.

Take a look at notes 13307, 11522, 11203, and 7222 in the archive.

I'll even give you starting links:
http://groups.yahoo.com/group/FT100/message/11203
...and especially
http://groups.yahoo.com/group/FT100/message/7222

You should have been here before they put screws in those things. The only way to get it off was to dremel it off.

Bill
W1PA

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 13816. Remote Base Fun

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 12:37:45 UTC
From: J. Craswell
Topic: 13816  Message: 13816

> Message: 4
> Date: Wed, 01 May 2002 22:49:48 -0000
> From: "wb5nfc" <wb5nfc@...>
> Subject: Remote base / controller interface
>
> Greetings to the group.
>
> Is anyone using the FT-100 as a link in a remote base? I'm
> especially interested in comments on ease of controller interfacing
> and versatility.
>
> Thanks in advance.
>
> John Kenney / WB5NFC

I've been using a homemade project (The Robot Shack) that interfaces to CAT type radios. I just picked up an FT100 to insure it works with it. The project is a small card that plugs into the Printer and Com port of a PC. The program is pretty small (Written 100% in assembler) and responds instantly to commands. You need to connect it to two radios (Above 2 meters) I use 440 and 1296 myself. In short you dial up the base it lets you change modes, dial up and down or enter frequencies. It is not smart enough to stop at band edges if you dial up or down too long (Yet) so you have to be carefull. The current system sends it's feedback in CW but I'm working on replacing those messages with a sexy female voice <grin> I'm also working on a robust authentication scheme so "weirdos" don't take control of the system. It has a 3 minute time out (Without activity) to keep it Kosher with the FCC rules. Right now we have two of them that we are playing around with. The hardware is a nice double sided PCB with through holes, silkscreen etc. You can stuff some or all of it based on what you want to do. I have a couple of crude relays to do remote control type functions. *I wanted to be able to move the rotor while on the roof remotely. You can even open the garage door or feed the pets if you like! If your interested email and I'll gather up some JPGs to send you. It's pretty cool for a D.I.Y. (Do it yourself) project.

73 de Jay W0VNE

# 13817. Re: [FT100] Remote Base Fun

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 14:30:41 UTC
From: Pres Waterman
Topic: 13816  Message: 13817

Ya... REALLY interested!

In the 1980's I used a cool ( for the time ) repeater/remote base controller called Com Shack using a Commodore 64. It "talked" to various CAT radios such as the FT-767. There's still one in daily use here in Long Island.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 13818. Re: ATAS-100 ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 14:37:59 UTC
From: w1pa
Topic: 13808  Message: 13818

--- In FT100@y..., "Marshall, Keith" <keith.marshall@l...> wrote:
> Thanks Bill, Good information. Think I'll have another go at it this weekend armed with this excellent information. I'll let you know if I'm successful or crash and burn :-)
>
> TNX,
> Keith, AB8BD
>

Good luck, and let us know how you make out. The first one I did didn't have screws at the top of the matching section a.k.a. the bottom three inches of the ATAS (it was pinned at both ends) which makes it nearly impossible to take apart with hand tools --- the pins are much harder metal than the surrounding base, very difficult to drill out. With the older ATAS's, you're better off replacing the bottom three inches (at $160) than trying to take it apart. If I had to do it again, I would use the pins as alignment marks (it appears in most pictures that the pins and the solder tabs all fall in one line), drill two 1/2 inch holes through the tube where the solder tabs should be, resolder, and then cover the tube with some large diameter heat shrink.

You have a newer version ATAS which has a screw to replace the top pin (gee, I wonder why they did that...). I'll be interested to see how much easier it makes the process.

If you have a digital camera, document and post in the files portion. You and I aren't the only ones who have been down this road.

Bill

W1PA

# 13819. Re: [FT100] Remote Base Fun

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 15:08:18 UTC
From: John Kenney
Topic: 13816  Message: 13819

Jan,

Thanks for the information on your project. Yes, I am
very interested and would like to learn more. I bet
there are others in this group as well. Perhaps you
could use the Files area to post some photos?

John / WB5NFC

--- "J. Craswell" <jay@...> wrote:
> > Message: 4
> > Date: Wed, 01 May 2002 22:49:48 -0000
> > From: "wb5nfc" <wb5nfc@...>
> > Subject: Remote base / controller interface
> >
> > Greetings to the group.
> >
> > Is anyone using the FT-100 as a link in a remote
> base? I'm
> > especially interested in comments on ease of
> controller interfacing
> > and versatility.
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> > Thanks in advance.
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> > John Kenney / WB5NFC
>
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> that interfaces to CAT
> type radios. I just picked up an FT100 to insure it
> works with it. The
> project is a small card that plugs into the Printer
> and Com port of a PC.
> The program is pretty small (Written 100% in
> assembler) and responds
> instantly to commands. You need to connect it to
> two radios (Above 2
> meters) I use 440 and 1296 myself. In short you
> dial up the base it lets
> you change modes, dial up and down or enter
> frequencies. It is not smart
> enough to stop at band edges if you dial up or down
> too long (Yet) so you
> have to be carefull. The current system sends it's
> feedback in CW but I'm
> working on replacing those messages with a sexy

> female voice <grin> I'm
> also working on a robust authentication scheme so
> "weirdos" don't take
> control of the system. It has a 3 minute time out
> (Without activity) to
> keep it Kosher with the FCC rules. Right now we
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> through holes, silkscreen etc. You can stuff some
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> relays to do remote control
> type functions. *I wanted to be able to move the
> rotor while on the roof
> remotely. You can even open the garage door or
> feed the pets if you like!
> If your interested email and I'll gather up some
> JPGs to send you. It's
> pretty cool for a D.I.Y. (Do it yourself) project.
>
> 73 de Jay W0VNE
>
>

_____
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 13820. Re: [FT100] New

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 15:17:30 UTC
From: Dick Thompson
Topic: 13814  Message: 13820

Omar, welcome to the group. You'll find a lot of help here, so don't hesitate to ask, even if there is someone counting the number of questions you ask. That's why we're all here.

You will find just about everything you need on the FT-100 Yahoo Groups web site, including pictures, modifications, etc.

73,

Dick
WB0DUL@...

----- Original Message -----
From: omar
To: FT100@yahoogroups.com
Cc: Al Rovner
Sent: Thursday, May 02, 2002 1:31 AM
Subject: [FT100] New

Hi everybody:

I am new to the group. My name is Omar YK1AO. Best regards to all those of you that I ever worked and to those that do not know me hoping that we can have a qso one day.

Saad, N5FF who is visiting Damascus now told me that he heard that there are two major modifications that should be made to the FT-100D. Something about the SWR and the other about the fan.

I have a FT-100D donated graciously by the YK9A group. It was bought in February 2001. I operated it only a couple of times. But now that I know of the modifications, I would like to do them and start operating this nice radio.

I need help, please with detailed instructions of what should be done.

Van anybody help, please ? Thank you.

Best 73 to all

Omar, YK1AO

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13821. AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 16:47:13 UTC
From: Jim Lasswell
Topic: 11373  Message: 13821

Hi folks... I have done all the mods to my FT 100 and this little rascal works like a charm. Now I have a AM filter coming from AES , and was wandering if any one on this list has done it and how they did it.I have been told that I sound like @#$@$@#$ on AM, so I think I better install on. Any help would realy be apriciated. Thanks much. AD6DW Jim

When a man's best friend is his dog, that dog has a problem

[Non-text portions of this message have been removed]

# 13822. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 18:39:10 UTC
From: backhoefade
Topic: 11373  Message: 13822

I have posted a brief guideline for AM operation with the FT-100D at
http://www.mods.dk

I also discussed it in several postings here but I'd have to search
for them.

In addition to the basic setup described at the mods.dk site, you can
get a bit more linear operation and see some nice "upward modulation"
by setting F15 to about 165. But when you finish AM operation crank
F15 back down to the original factory setting that gives you an even
100 Watts output CW.

One more suggestion - do the stock mic modification originally
described by N2ZD, Richy. That's described in posts here and I also
posted it (with credit to Richy) at the mods.dk site. Once you get
that plastic baffle out of there and open up the 3rd hole people
won't even believe you're running an FT-100D. That goes both for SSB
and AM op.

N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi folks... I have done all the mods to my FT 100 and this little
rascal works like a charm. Now I have a AM filter coming from AES ,
and was wandering if any one on this list has done it and how they
did it.I have been told that I sound like @#$@$@#$ on AM, so I think
I better install on. Any help would realy be apriciated. Thanks much.
AD6DW Jim
>
> When a man's best friend is his dog, that dog has a problem
>
>
> [Non-text portions of this message have been removed]

# 13823. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 18:41:13 UTC
From: backhoefade
Topic: 11373  Message: 13823

Here's part of one of my old AM discussions:

Yes, the rig is a winner. I get excellent audio reports on AM
> operation too. The manual is devoid of any instructions for AM
> operation. Maybe they don't want to admit that you MUST use the 6
> kHz filter (a separate purchased option) to get proper AM operation.
> Are you familiar with AM op with the FT-100D? It's this simple:
> 1) Set mic gain to 17 (that's seventeen). Or, if you want to use
the
> processor, enable PRO and set the level "within" the PRO button to
17.
> (The PRO setting is nothing more than an alternate "mic gain"
control
> for processor enabled usage. There is no actual adjustment of the
> percentage of compression available in the rig. You can prove this
> to yourself by setting the mic gain to zero when you have the
> processor enabled and set to some level above zero).
> 2) In AM mode go into the "F menu functions" and set F51 for 25
Watts
> output, with an unmodulated carrier present.
> 3) If you want a bit more linearity (more obvious "upward
modulation"
> on an external power meter) then set F15 to about 165. Double check
> me on "F15". I think that's the one. It's the HF output power
> control in the F menu.
>
> That's it. You will now get 100 Watts PEP AM and have the carrier
> set exactly correct at 25 Watts output, unmodulated. The peak
> envelope power of a 100% modulated AM signal is 4 times (6 dB)
above
> the unmodulated carrier power. The common mistakes made during AM
> operation are setting the mic gain or "pro" gain too high and not
> using the 6 kHz filter. I get excellent AM audio reports on HF.
>
> The FT-100D is really a great performer. It just seems as though
> they were in a rush to get the thing released to the market and as
a
> result a couple design bugs slipped through and the Users Manual
> never got the polish it should have had. But we can learn here at
> this bulletin board!
>
> One more suggestion - buy headphones with an in-line volume
control.
> Then you can independently set the CW sidetone level for the
speaker

> using the internal VR004 potentiometer mounted next to the speaker
> cable connector on the PC board, separate from setting the
headphone
> sidetone level using the in-line volume control.
>
> 73's and enjoy the rig!
>
> N6AF Chas
>
>

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi folks... I have done all the mods to my FT 100 and this little
rascal works like a charm. Now I have a AM filter coming from AES ,
and was wandering if any one on this list has done it and how they
did it.I have been told that I sound like @#$@$@#$ on AM, so I think
I better install on. Any help would realy be apriciated. Thanks much.
AD6DW Jim
>
> When a man's best friend is his dog, that dog has a problem
>
>
> [Non-text portions of this message have been removed]

# 13824. Re: [FT100] Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 19:04:28 UTC
From: Jim Lasswell
Topic: 11373  Message: 13824

I have read your post on the filter and it makes since to me that it should be done that way, but... how and where do I install the filter, being a 3rd grade drop out I need some help. hi hi. Thanks Jim AD6DW
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 11:39 AM
Subject: [FT100] Re: AM filter

I have posted a brief guideline for AM operation with the FT-100D at http://www.mods.dk

I also discussed it in several postings here but I'd have to search for them.

In addition to the basic setup described at the mods.dk site, you can get a bit more linear operation and see some nice "upward modulation" by setting F15 to about 165. But when you finish AM operation crank F15 back down to the original factory setting that gives you an even 100 Watts output CW.

One more suggestion - do the stock mic modification originally described by N2ZD, Richy. That's described in posts here and I also posted it (with credit to Richy) at the mods.dk site. Once you get that plastic baffle out of there and open up the 3rd hole people won't even believe you're running an FT-100D. That goes both for SSB and AM op.

N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi folks... I have done all the mods to my FT 100 and this little rascal works like a charm. Now I have a AM filter coming from AES , and was wandering if any one on this list has done it and how they did it.I have been told that I sound like @#$@$@#$ on AM, so I think I better install on. Any help would realy be apriciated. Thanks much. AD6DW Jim
>
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>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13825. FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 19:03:46 UTC
From: w1pa
Topic: 13825  Message: 13825

... is this the yen vs. the dollar, or does Yaesu have something in the wings? The FT-897?

Price drops usually signal something is coming....

Bill
W1PA

(price at HRO web page)

# 13826. FT100/FT100D Tech Supplement & SWR mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 19:44:48 UTC
From: David F. Morse
Topic: 13749  Message: 13826

---
Bill; is this the FT-100 manual with 111 pages, or an update
(separate) manual to same? In other words, do u buy this new manual
and it has more good info or is it a supplement to the original?

Another point; I'm going into the SWR mod soon. Any further notes and
pictures covering this mod besides previous discussed?

David in Denver
k0dar
dfmorse@...
////////////////////

>... is now available (for both versions, one manual). Just got one
>this week from HRO.
>
>Bill
>W1PA
>

--

# 13827. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 20:23:22 UTC
From: backhoefade
Topic: 11373  Message: 13827

Hey - look at the bright side - at least they let you in !

Installing it is a tedious and potentially disasterous operation because it's tight quarters and there are a bunch of ribbon cables and other wires that have to be moved carefully out of the way. I know that when I installed my 6 kHz filter I had to temporarity cut one wire that looked like a 're-work' effort by Yaesu. Then I had to re-solder it and insulate it. But the real fright came when I finished up. My receiver was acting very strangely; sounded very distorted and many functions were dead. Turned out one of the several ribbon cables that press into PC mounted connectors was partially unseated; so pay close attention to those ribbon cables. You have to tilt one of the PC boards over in order to solder in the filter. The Instruction Manual shows you where to mount the filter. You're on your own as far as the basic task as I couldn't possibly recall all the little steps involved. It's really just common sense for the most part. Once you get it soldered in and the unit packaged back up you have to go to one of the menu functions and select the 6 kHz filter option. You'll know you have the menu set up correctly when the 6 kHz filter selection button starts responding.

So my best advise is to look in the Manual near the back and check out the drawing they have indicating the filter positions. Then just proceed slowly and carefully and you will get there. I have received outstanding AM transmit audio reports with the FT-100D, especially after the mic mod was done.

N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> I have read your post on the filter and it makes since to me that it should be done that way, but... how and where do I install the filter, being a 3rd grade drop out I need some help. hi hi. Thanks Jim AD6DW
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Thursday, May 02, 2002 11:39 AM
> Subject: [FT100] Re: AM filter
>
>
> I have posted a brief guideline for AM operation with the FT-100D at
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> In addition to the basic setup described at the mods.dk site, you
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> by setting F15 to about 165. But when you finish AM operation
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>
> N6AF Chas
>
> --- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
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> AD6DW Jim
> >
> > When a man's best friend is his dog, that dog has a problem
> >
> >
> > [Non-text portions of this message have been removed]
>
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> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
>
>
> [Non-text portions of this message have been removed]

# 13828. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 22:18:36 UTC
From: Paul Valko
Topic: 13825  Message: 13828

----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
>>>Price drops usually signal something is
>>>coming....

Yes, price drops in May mean something is coming in two weeks... the Dayton Hamvention.

73 =paul= W8KC

[Non-text portions of this message have been removed]

# 13829. Re: [FT100] Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 22:50:44 UTC
From: Jim Lasswell
Topic: 11373  Message: 13829

Thanks for the instructions Chas.... My fingers are already starting to shake, hi hi. To be truthful, I didn't even look in the back of the manual, but I will check it out. Thanks again.. AD6DW Jim
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 1:23 PM
Subject: [FT100] Re: AM filter

Hey - look at the bright side - at least they let you in !

Installing it is a tedious and potentially disasterous operation because it's tight quarters and there are a bunch of ribbon cables and other wires that have to be moved carefully out of the way. I know that when I installed my 6 kHz filter I had to temporarity cut one wire that looked like a 're-work' effort by Yaesu. Then I had to re-solder it and insulate it. But the real fright came when I finished up. My receiver was acting very strangely; sounded very distorted and many functions were dead. Turned out one of the several ribbon cables that press into PC mounted connectors was partially unseated; so pay close attention to those ribbon cables. You have to tilt one of the PC boards over in order to solder in the filter. The Instruction Manual shows you where to mount the filter. You're on your own as far as the basic task as I couldn't possibly recall all the little steps involved. It's really just common sense for the most part. Once you get it soldered in and the unit packaged back up you have to go to one of the menu functions and select the 6 kHz filter option. You'll know you have the menu set up correctly when the 6 kHz filter selection button starts responding.

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> ----- Original Message -----
> From: backhoefade
> To: FT100@y...

> Sent: Thursday, May 02, 2002 11:39 AM
> Subject: [FT100] Re: AM filter
>
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> > [Non-text portions of this message have been removed]
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>
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[Non-text portions of this message have been removed]

# 13830. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 23:09:31 UTC
From: Norm, W3IZ
Topic: 13825  Message: 13830

I bought my FT-100 on Dayton w/e at HRO when the '100D was introduced and saved a lot of $$$. If you don't need the latest and greatest for a rig that you use part time (mobile) then you can get a good deal.
73,
Norm, W3IZ
----- Original Message -----
From: Paul Valko
To: FT100@yahoogroups.com
>>>Price drops usually signal something is
>>>coming....

Yes, price drops in May mean something is coming in two weeks... the Dayton Hamvention.

73 =paul= W8KC

[Non-text portions of this message have been removed]

# 13831. Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-02 23:47:15 UTC
From: w6mdk
Topic: 13831  Message: 13831

Dear All,

Although I have been following this group since I got my FT100D several months ago, I don't think I've posted any messages prior to this one. I'd like to start out by saying that I think you are all a bunch of courteous, helpful people, and I very much appreciate what I consider to be the proper use of the internet. I am happy and honored to be part of this group.

That said, the reason I am making htis post is to tell you all that I decided to do the fan mod today, in spite of the facts that 1) I don't do a whole lot of VHFing and 2) the rig is still very much in warranty. I wanted to figure out a way to do the mod so that I could remove it with no adverse, potentially warranty-busting effects. I believe I have accomplished that.

What I did was to insert one lead of a 47 ohm resistor EXTREMELY snuggly into the black wire connector on one of the fans. I DO mean snuggly. Then I cut the other lead as short as possible, made a small loop, and carefully placed the loop over the screw hole in the center rib of the rig. I put a small piece of black tape over the resistor to keep it in place and to prevent any potential shorting. When I put the bottom cover back on, I was careful to insure that the loop was directly under the hole, so the screw would hold it securely in place. I appear to have succeeded. It is working beautifully, and I can remove it any time I wish without leaving any solder behind. When the warranty period is over, I'll solder it in place, but for now it is doing exactly what I wanted.

Also, for information, the SWR mod was apparently done at the factory, as the copper strip is held in place by a small sheet metal screw. My serial number starts with 1I, so that tells you that, at least when this one was made (July 2001, if I am correct), they were doing the mod before it left the factory.

Again, thanks to all of you for the help this site provides. I'll be posting more tidbits if and when I feel I have something of value to add.

73,

Mike
W6MDK

# 13832. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 01:05:20 UTC
From: Dick Thompson
Topic: 13831  Message: 13832

Thanks for the information, Mike. I have printed out your message and will do the same thing. My FT-100D is still under warranty. My serial number starts with 1L, so, maybe mine has the SWR mod also. I hope so anyway. I know it doesn't have the fan mod, as the fans only come on while I am transmitting on V/U and stay on for just a short while after transmissions stop.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 5:47 PM
Subject: [FT100] Fan and SWR Mods

Dear All,

Although I have been following this group since I got my FT100D several months ago, I don't think I've posted any messages prior to this one. I'd like to start out by saying that I think you are all a bunch of courteous, helpful people, and I very much appreciate what I consider to be the proper use of the internet. I am happy and honored to be part of this group.

That said, the reason I am making htis post is to tell you all that I decided to do the fan mod today, in spite of the facts that 1) I don't do a whole lot of VHFing and 2) the rig is still very much in warranty. I wanted to figure out a way to do the mod so that I could remove it with no adverse, potentially warranty-busting effects. I believe I have accomplished that.

What I did was to insert one lead of a 47 ohm resistor EXTREMELY snuggly into the black wire connector on one of the fans. I DO mean snuggly. Then I cut the other lead as short as possible, made a small loop, and carefully placed the loop over the screw hole in the center rib of the rig. I put a small piece of black tape over the resistor to keep it in place and to prevent any potential shorting. When I put the bottom cover back on, I was careful to insure that the loop was directly under the hole, so the screw would hold it securely in place. I appear to have succeeded. It is working beautifully, and I can remove it any time I wish without leaving any solder behind. When the warranty period is over, I'll solder it in place, but for now it is doing exactly what I wanted.

Also, for information, the SWR mod was apparently done at the factory, as the copper strip is held in place by a small sheet metal

screw. My serial number starts with 1I, so that tells you that, at least when this one was made (July 2001, if I am correct), they were doing the mod before it left the factory.

Again, thanks to all of you for the help this site provides. I'll be posting more tidbits if and when I feel I have something of value to add.

73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13833. Re: [FT100] FT100/FT100D Tech Supplement & SWR mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 01:18:56 UTC
From: David F. Morse
Topic: 13749  Message: 13833

```
----------------------
As an addendum to the below, I've owned this unit for about two years
with great results in all areas of operation. I have serial #
9k121080 and believe it or not, this puppy has SWR mods already done;
they look factory to me. Comments?

HRO in Denver doesn't know what I'm talking about; only one manual is known!

David in Denver
//////////////////////

>--------------------
>Bill; is this the FT-100 manual with 111 pages, or an update
>(separate) manual to same? In other words, do u buy this new manual
>and it has more good info or is it a supplement to the original?
>
>Another point; I'm going into the SWR mod soon. Any further notes and
>pictures covering this mod besides previous discussed?
>
>David in Denver
>k0dar
>dfmorse@...
>/////////////////////
>
>
>
>>... is now available (for both versions, one manual). Just got one
>>this week from HRO.
>>
>>Bill
>>W1PA
>>
>
>--
>
>
>Post message: FT100@yahoogroups.com
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```

- -

# 13834. New FT100D for $779!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 01:47:19 UTC
From: lhlousek
Topic: 13834  Message: 13834

I don't know if anybody has noticed but Yaesu just put out its Hamvention coupons. New FT100Ds sell for $779 and FT817s
are $564. The MkV field is only $1975. Many more awesome deals. Coupons are good only through 5/19. Check out
http://www.gigaparts.com/radioindex.php

Lou W7DZN

# 13835. Kudos to Yaesu Tech Support Guys

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 01:06:01 UTC
From: J. Craswell
Topic: 13835  Message: 13835

I've cheated a little in my repair project and called the tech support guys for some phone support help. Wow! I want to say to all my fellow FT100 Egroups friends that Mike & Jerry at Yaesu took my symptoms (Which frankly puzzled me) and came up with the suggestions that found the problem with my new "baby." I've still got to fix the -9 Volt supply problem but I wanted to say what a great job these guys do for us Amateur Repair folks! Thumbs up to Yaesu and fooie on the guys who say you can't fix your own stuff. You can with a little help from your friends! <grin>

73 de Jay Craswell W0VNE

# 13836. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 02:35:17 UTC
From: Pres Waterman
Topic: 13825  Message: 13836

> >>>Price drops usually signal something is
> >>>coming....
>
> Yes, price drops in May mean something is coming in two weeks... the
Dayton Hamvention.

How do you spell "market domination"???

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13837. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 02:43:40 UTC
From: K4IA@arrl.net
Topic: 13825  Message: 13837

We should all learn from this -- never buy a radio between January and May. If you do you will buy it just before the "new and improved" model is announced at Dayton. What will this one be the FT100 Mark IIGS or the FT100D Field or the FT100 Pro? Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550 ---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 13838. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 02:55:05 UTC
From: Kirby Hylton
Topic: 13825  Message: 13838

>What will this one be the FT100 Mark IIGS or the FT100D Field or the FT100
>Pro?

The FT-100D is being replaced by the FT-100-7R. This is the upgraded
model that is submersible for 30 minutes at 3 feet.

On a more accurate note, my FT-100D will be back from Yaesu on Monday,
May 6. The radio was received at Yaesu on March 8, checked in on March
11, shipped back via UPS 3-day Select on May 1.

Kirby in Aurora, CO
abØrf

# 13839. Re: [FT100] New FT100D for $779!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 03:16:54 UTC
From: Dick Thompson
Topic: 13834  Message: 13839

It's a good possibility that Yaesu will introduce something new at Dayton. But, to be honest, I can't afford to keep up with them. :) It's my fault. Everytime I buy something new, no matter what it is, they come out with a new improved version. Geez...

73,

Dick
WB0DUL@...
----- Original Message -----
From: lhlousek
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 7:47 PM
Subject: [FT100] New FT100D for $779!

I don't know if anybody has noticed but Yaesu just put out its Hamvention coupons. New FT100Ds sell for $779 and FT817s
are $564. The MkV field is only $1975. Many more awesome deals. Coupons are good only through 5/19. Check out
http://www.gigaparts.com/radioindex.php

Lou W7DZN

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[Non-text portions of this message have been removed]

# 13840. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 03:26:59 UTC
From: Dick Thompson
Topic: 13831  Message: 13840

Well, Mike, I did the fan mod this evening and it seems to be working just fine. Like you, I didn't solder anything in case I ever had to send the rig into Yaesu for a repair.

I don't know if the SWR mod has been done on mine or not. I see references to the grounding strap being screwed into the separation ridge in the chasis, but mine sure isn't screwed in.

So far the fan is running and when I key the mike the fan speed increases. I did the grounding at the center hole screw on the bottom and made a small loop. After the warranty is up, I will solder the resistor to the black wire of one of the fans and to a ground on the chasis. But it seems to be working OK. My one concern is if it will come out of the black lead connector while mobiling and bouncing around. I'll keep an eye on it.

Thanks.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 5:47 PM
Subject: [FT100] Fan and SWR Mods

Dear All,

Although I have been following this group since I got my FT100D
several months ago, I don't think I've posted any messages prior to
this one. I'd like to start out by saying that I think you are all a
bunch of courteous, helpful people, and I very much appreciate what I
consider to be the proper use of the internet. I am happy and
honored to be part of this group.

That said, the reason I am making htis post is to tell you all that I
decided to do the fan mod today, in spite of the facts that 1) I
don't do a whole lot of VHFing and 2) the rig is still very much in
warranty. I wanted to figure out a way to do the mod so that I could
remove it with no adverse, potentially warranty-busting effects. I
believe I have accomplished that.

What I did was to insert one lead of a 47 ohm resistor EXTREMELY
snuggly into the black wire connector on one of the fans. I DO mean
snuggly. Then I cut the other lead as short as possible, made a
small loop, and carefully placed the loop over the screw hole in the
center rib of the rig. I put a small piece of black tape over the
resistor to keep it in place and to prevent any potential shorting.

When I put the bottom cover back on, I was careful to insure that the loop was directly under the hole, so the screw would hold it securely in place. I appear to have succeeded. It is working beautifully, and I can remove it any time I wish without leaving any solder behind. When the warranty period is over, I'll solder it in place, but for now it is doing exactly what I wanted.

Also, for information, the SWR mod was apparently done at the factory, as the copper strip is held in place by a small sheet metal screw. My serial number starts with 1I, so that tells you that, at least when this one was made (July 2001, if I am correct), they were doing the mod before it left the factory.

Again, thanks to all of you for the help this site provides. I'll be posting more tidbits if and when I feel I have something of value to add.

73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13841. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 03:36:08 UTC
From: W6MDK@AOL.COM
Topic: 13831  Message: 13841

Dick,

Just make sure that there is some kind of pressure on the resistor to keep it from bouncing around. There are numerous ways to do this. Or you can do what I did, which is to secure it in place with a piece od black tape.

73,

Mike
W6MDK

# 13842. Re: [FT100] FT-100D $790 New?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 10:06:02 UTC
From: A V Flinsch
Topic: 13825  Message: 13842

On Thursday 02 May 2002 10:35 pm, you wrote:

>
>
> How do you spell "market domination"???

"MicroSoft"

OOPS -- OT for this list :)

--
Alex
http://www.qsl.net/kc2ivl
Linux 2.4.18 #5 Sat Mar 9 21:44:22 EST 2002 i686
6:00am up 12:55, 4 users, load average: 0.07, 0.13, 0.16

# 13843. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 14:06:15 UTC
From: Dick Thompson
Topic: 13831  Message: 13843

I used the high tech tape method, Mike. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Thursday, May 02, 2002 9:36 PM
Subject: Re: [FT100] Fan and SWR Mods

Dick,

Just make sure that there is some kind of pressure on the resistor to keep it
from bouncing around. There are numerous ways to do this. Or you can do
what I did, which is to secure it in place with a piece od black tape.

73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13844. Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 15:37:12 UTC
From: larryllm
Topic: 13844  Message: 13844

Does this radio have a better receiver than the Icom 706?

Would a new radio still have to be sent back to the factory to have the mods done?

I have read about the fans having to run all the time during receive,is this very noticeable?

I want to use the radio for mostly listening and receiver quality is my main concern.

I thank you can guess I am trying to decide between the FT 100D and Icom 706 as to which has the best receiver.
Thanks for any help.
Larry

# 13845. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 16:04:19 UTC
From: W6MDK@AOL.COM
Topic: 13831  Message: 13845

For us old-fart amateurs (I mean licensed around forty years or more) the universal solution is plenty of black tape, hi.Can't hurt anyrthing, it is STILL cheap (a buck a roll at HRO) and you can take it off with no residue.

Now, for securing things to exterior or cosmetic surfaces when you want to be able to remove them them with absolutely NO trace (as in mounting things to the dashboard of leased cars) the only real answer is silicone sealant, the kind that GE makes that you use in your bathroom. Use the clear stuff. It will stick anything to anything and will peal away as if it was never there when you want to remove the object. It doesn't even leave a mark or a residue on the leather or vinyl. That;s how I mounted the separation kit face-plate bracket to the dashboard of my explorer. If anyone is interested in photos, let me know and I'll upload them.

73,

Mike
W6MDK

# 13846. Re: [FT100] Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 16:06:29 UTC
From: W6MDK@AOL.COM
Topic: 13844  Message: 13846

In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
larryllm@... writes:

> I have read about the fans having to run all the time during
> receive,is this very noticeable?
>

To me, it is slightly noticeable only when I am using it as a base station in an extremely quiet room. In the car, or if the space has any amount of ambient noise, you can't hear it.

Mike
W6MDK

[Non-text portions of this message have been removed]

# 13847. Re: [FT100] Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 16:10:46 UTC
From: W6MDK@AOL.COM
Topic: 13844  Message: 13847

In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
larryllm@... writes:

> I thank you can guess I am trying to decide between the FT 100D and
> Icom 706 as to which has the best receiver.
>

While I can't offer a comparison with the 706, I can tell you that the salesman at HRO who sold it to me (who is a friend also) owns the 706 but steared me to the 100D. In addition, the 100D gives you the option of using the ATAS-100 which, for my money, is reason enough to pick the 100D over the 706 with no other considerations.

I must admit, too, that I like the blue display a lot more than the green one, but that is just aesthetics.

73,

Mike
W6MDK

[Non-text portions of this message have been removed]

# 13848. Re: Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 16:42:30 UTC
From: backhoefade
Topic: 13831  Message: 13848

Lucky you to have the SWR mod already done. And now that you've done the fan mod you have the two major bugs squashed.

There's one more thing you can do that makes a big difference in performance. If you want to eliminate the somewhat muffled transmit audio in the rig (that most hams politely, though not helpfully, don't bother mentioning when you're working them) you can do the mic mod that was originally described my Richy, N2ZD. It posted here and also at http://www.mods.dk
It really makes a heck of a difference but you have to be careful doing the mod. There's also a note at the mods.dk site regarding AM operation with the FT-100D, something that the Manual completely lacks in information.
Good luck and enjoy the rig!
73's Chas N6AF

--- In FT100@y..., "w6mdk" <W6MDK@A...> wrote:
> Dear All,
>
> Although I have been following this group since I got my FT100D
> several months ago, I don't think I've posted any messages prior to
> this one. I'd like to start out by saying that I think you are all
a
> bunch of courteous, helpful people, and I very much appreciate what
I
> consider to be the proper use of the internet. I am happy and
> honored to be part of this group.
>
> That said, the reason I am making htis post is to tell you all that
I
> decided to do the fan mod today, in spite of the facts that 1) I
> don't do a whole lot of VHFing and 2) the rig is still very much in
> warranty. I wanted to figure out a way to do the mod so that I
could
> remove it with no adverse, potentially warranty-busting effects. I
> believe I have accomplished that.
>
> What I did was to insert one lead of a 47 ohm resistor EXTREMELY
> snuggly into the black wire connector on one of the fans. I DO
mean
> snuggly. Then I cut the other lead as short as possible, made a
> small loop, and carefully placed the loop over the screw hole in
the
> center rib of the rig. I put a small piece of black tape over the
> resistor to keep it in place and to prevent any potential

shorting.
> When I put the bottom cover back on, I was careful to insure that
the
> loop was directly under the hole, so the screw would hold it
securely
> in place. I appear to have succeeded. It is working beautifully,
> and I can remove it any time I wish without leaving any solder
> behind. When the warranty period is over, I'll solder it in place,
> but for now it is doing exactly what I wanted.
>
> Also, for information, the SWR mod was apparently done at the
> factory, as the copper strip is held in place by a small sheet
metal
> screw. My serial number starts with 1I, so that tells you that, at
> least when this one was made (July 2001, if I am correct), they
were
> doing the mod before it left the factory.
>
> Again, thanks to all of you for the help this site provides. I'll
be
> posting more tidbits if and when I feel I have something of value
to
> add.
>
> 73,
>
> Mike
> W6MDK

# 13849. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:08:05 UTC
From: backhoefade
Topic: 13844  Message: 13849

This is the easiest question I'll ever answer on this board.
The primary reason I bought the FT-100D was because the receiver is clearly superior in several respects:

1) Higher front end intercept point. In other words it won't overload in the killer spectral environment of your typical field day scenario.
2) Superior adjacent channel rejection performance: no need to explain the value of that!
3) Variable bandpass DSP which lets you dial down to 60 Hz BW on CW and also lets you custom tweak your low frequency and high frequency cut-off frequencies during SSB receive. It's great during crowded band conditions and for times on 40 meters when the adjacent broadcast stations are there.
4) Superior noise blanker - it works very well.
5) Ability to tune above 460 MHz so you can listen to public services around 488 MHz, etc.

The only 'bugs' in the FT-100D are the spurious oscillation issue and the fan issue on VHF/UHF both of which have well known remedies. Once you take care of those you're home free. I recommend the "N2ZD mic mod" as the last improvement. It really cleans up the somewhat 'muffled' transmit audio that a lot of people report with the stock mic.

If you appreciate an excellent receiver you will love the FT-100D! My only on-going complaint is the fan noise (but I can always throw on the headphones if needed and if you do a lot of listening the fans won't come on all the time and will likely never jump to their fastest (noisiest) setting).

73's N6AF Chas

--- In FT100@y..., "larryllm" <larryllm@y...> wrote:
> Does this radio have a better receiver than the Icom 706?
>
> Would a new radio still have to be sent back to the factory to have
> the mods done?
>
> I have read about the fans having to run all the time during
> receive,is this very noticeable?
>
> I want to use the radio for mostly listening and receiver quality
is
> my main concern.
>

> I thank you can guess I am trying to decide between the FT 100D and
> Icom 706 as to which has the best receiver.
> Thanks for any help.
> Larry

# 13850. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:08:31 UTC
From: larryllm
Topic: 13844  Message: 13850

--- In FT100@y..., W6MDK@A... wrote:
> >
> To me, it is slightly noticeable only when I am using it as a base station in
> an extremely quiet room. In the car, or if the space has any amount of
> ambient noise, you can't hear it.
>
> Mike
> W6MDK

The fan noise might be a problem then as I was also going to use the rig as base.
Thanks for the replies.
Larry

# 13851. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:10:34 UTC
From: backhoefade
Topic: 13844  Message: 13851

My experimenting suggested I use about a 180 Ohm value. The fans are spinning, though not fast, but enough to keep things much cooler than stock, and very quiet at that rpm.
N6AF Chas

--- In FT100@y..., W6MDK@A... wrote:
> In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
> larryllm@y... writes:
>
>
> > I have read about the fans having to run all the time during
> > receive,is this very noticeable?
> >
>
> To me, it is slightly noticeable only when I am using it as a base station in
> an extremely quiet room. In the car, or if the space has any amount of
> ambient noise, you can't hear it.
>
> Mike
> W6MDK
>
>
> [Non-text portions of this message have been removed]

# 13852. Re: [FT100] Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:19:30 UTC
From: Peter van Daalen
Topic: 13844  Message: 13852

-----Oorspronkelijk bericht-----
Van: larryllm <larryllm@...>
Aan: FT100@yahoogroups.com <FT100@yahoogroups.com>
Datum: vrijdag 3 mei 2002 17:40
Onderwerp: [FT100] Ft 100D Receiver

I use the radio as base station only and the little fan noise doesn't bother at all !
Peter PE1ECM

I have read about the fans having to run all the time during
receive,is this very noticeable?

[Non-text portions of this message have been removed]

# 13853. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:26:25 UTC
From: larryllm
Topic: 13844  Message: 13853

What do you think of this email from AES as to the mods?

"There won't be any mods since they are the latest versions. Both
models perform
similarly. I don't think you can go wrong with either model. We
have sales
people that own both models and are very happy with them. Even our
sales of
these items are about even with Icom have a couple radio edge".

Is this person misinformed or misleading?
I like the specs on the radio but am still concerned about the noise
using as base,because I mostly listen.
Thanks again.
Larry

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> My experimenting suggested I use about a 180 Ohm value. The fans
are
> spinning, though not fast, but enough to keep things much cooler
than
> stock, and very quiet at that rpm.
> N6AF Chas
>
> --- In FT100@y..., W6MDK@A... wrote:
> > In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
> > larryllm@y... writes:
> >
> >
> > > I have read about the fans having to run all the time during
> > > receive,is this very noticeable?
> > >
> >
> > To me, it is slightly noticeable only when I am using it as a
base
> station in
> > an extremely quiet room. In the car, or if the space has any
> amount of
> > ambient noise, you can't hear it.
> >
> > Mike
> > W6MDK
> >
> >
> > [Non-text portions of this message have been removed]

# 13854. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:34:48 UTC
From: Jim Lasswell
Topic: 13844  Message: 13854

Hi Larry
That Fan noise is so slight you hardly hear it, because it runs at such a slow RPM. I have mine in the shack with my computer and the computer makes far more noise than the FT 100 does. I don't even hear it when it is at an idle. It can idle all day , and is still cool man, cool !! Jim AD6DW
----- Original Message -----
From: larryllm
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 10:26 AM
Subject: [FT100] Re: Ft 100D Receiver

What do you think of this email from AES as to the mods?

"There won't be any mods since they are the latest versions. Both
models perform
similarly. I don't think you can go wrong with either model. We
have sales
people that own both models and are very happy with them. Even our
sales of
these items are about even with Icom have a couple radio edge".

Is this person misinformed or misleading?
I like the specs on the radio but am still concerned about the noise using as base,because I mostly listen.
Thanks again.
Larry

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> My experimenting suggested I use about a 180 Ohm value. The fans
are
> spinning, though not fast, but enough to keep things much cooler
than
> stock, and very quiet at that rpm.
> N6AF Chas
>
> --- In FT100@y..., W6MDK@A... wrote:
> > In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
> > larryllm@y... writes:
> >
> >
> > > I have read about the fans having to run all the time during
> > > receive,is this very noticeable?
> > >
> >
> > To me, it is slightly noticeable only when I am using it as a
base

> station in
> > an extremely quiet room. In the car, or if the space has any
> amount of
> > ambient noise, you can't hear it.
> >
> > Mike
> > W6MDK
> >
> >
> > [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13855. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:38:18 UTC
From: backhoefade
Topic: 13844  Message: 13855

Honestly - because you said you "mostly listen" I will tell you right now that the fan noise will be a non-issue with your base operation. You will like the receiver for all the reasons I just mentioned in the post a few back. Don't worry about the fans. The only time they run fast during receive is when you have been transmitting full power for a long time. Even then they generally kick down to their low rpm setting in short time. Plus, if you're mainly just receiving they generally won't come on at all. I would hate to see a fellow ham pass up the superior FT-100D receiver due to concern about fan noise, especially since you emphasized that you are very interested in getting an excellent receiver. Did you read my post where I spelled out the advantages of the FT-100D receiver? All true.
Chas N6AF

--- In FT100@y..., "larryllm" <larryllm@y...> wrote:
> What do you think of this email from AES as to the mods?
>
> "There won't be any mods since they are the latest versions. Both
> models perform
> similarly. I don't think you can go wrong with either model. We
> have sales
> people that own both models and are very happy with them. Even our
> sales of
> these items are about even with Icom have a couple radio edge".
>
> Is this person misinformed or misleading?
> I like the specs on the radio but am still concerned about the
noise
> using as base,because I mostly listen.
> Thanks again.
> Larry
>
>
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > My experimenting suggested I use about a 180 Ohm value. The fans
> are
> > spinning, though not fast, but enough to keep things much cooler
> than
> > stock, and very quiet at that rpm.
> > N6AF Chas
> >
> > --- In FT100@y..., W6MDK@A... wrote:
> > > In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
> > > larryllm@y... writes:

> > >
> > >
> > > > I have read about the fans having to run all the time during
> > > > receive,is this very noticeable?
> > > > >
> > > >
> > > > To me, it is slightly noticeable only when I am using it as a
> base
> > station in
> > > > an extremely quiet room. In the car, or if the space has any
> > amount of
> > > > ambient noise, you can't hear it.
> > > >
> > > > Mike
> > > > W6MDK
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]

# 13856. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:41:30 UTC
From: backhoefade
Topic: 13844  Message: 13856

Maner Krebs from Dobie Gillis couldn't have said it better.
Yeah man, dig the real cool FT-100D man. Now there goes one far out
receiver!

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Larry
> That Fan noise is so slight you hardly hear it, because it runs at
such a slow RPM. I have mine in the shack with my computer and the
computer makes far more noise than the FT 100 does. I don't even hear
it when it is at an idle. It can idle all day , and is still cool
man, cool !! Jim AD6DW
> ----- Original Message -----
> From: larryllm
> To: FT100@y...
> Sent: Friday, May 03, 2002 10:26 AM
> Subject: [FT100] Re: Ft 100D Receiver
>
>
> What do you think of this email from AES as to the mods?
>
> "There won't be any mods since they are the latest versions.
Both
> models perform
> similarly. I don't think you can go wrong with either model. We
> have sales
> people that own both models and are very happy with them. Even
our
> sales of
> these items are about even with Icom have a couple radio edge".
>
> Is this person misinformed or misleading?
> I like the specs on the radio but am still concerned about the
noise
> using as base,because I mostly listen.
> Thanks again.
> Larry
>
>
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > My experimenting suggested I use about a 180 Ohm value. The
fans
> are
> > spinning, though not fast, but enough to keep things much
cooler

> than
> > stock, and very quiet at that rpm.
> > N6AF Chas
> >
> > --- In FT100@y..., W6MDK@A... wrote:
> > > In a message dated 5/3/2002 8:41:43 AM Pacific Daylight Time,
> > > larryllm@y... writes:
> > >
> > >
> > > > I have read about the fans having to run all the time
during
> > > > receive,is this very noticeable?
> > > >
> > >
> > > To me, it is slightly noticeable only when I am using it as a
> base
> > station in
> > > an extremely quiet room. In the car, or if the space has any
> > amount of
> > > ambient noise, you can't hear it.
> > >
> > > Mike
> > > W6MDK
> > >
> > >
> > > [Non-text portions of this message have been removed]
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>
>
>
> [Non-text portions of this message have been removed]

# 13857. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 17:41:13 UTC
From: Norm, W3IZ
Topic: 13844  Message: 13857

You won't even notice them with the blower running on your amp.
Seriously, your car's air conditioner blower is louder than the fans in the FT-100.
73,
Norm, W3IZ
> I have read about the fans having to run all the time during
> receive,is this very noticeable?

[Non-text portions of this message have been removed]

# 13858. Re: [FT100] Re: Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:07:10 UTC
From: W6MDK@AOL.COM
Topic: 13831  Message: 13858

Actually, that was the first mod I did, as it was a no-brainer. I recommend that everyone do at least that one.

Mike
W6MDK

# 13859. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:09:10 UTC
From: W6MDK@AOL.COM
Topic: 13844  Message: 13859

Thanks for the info, Chas. I think I'll up the falue to 180.

Mike
W6MDK

# 13860. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:10:57 UTC
From: W6MDK@AOL.COM
Topic: 13844  Message: 13860

That's a good point. The computer IS far noisier than the slow running fan.

Mike
W6MDK

# 13861. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:14:59 UTC
From: larryllm
Topic: 13844  Message: 13861

My computer is a Dell and the fan is noisy.
Larry

# 13862. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:20:39 UTC
From: W6MDK@AOL.COM
Topic: 13844  Message: 13862

Then you won't even notice the fan on receive. Do it.

Mike
W6MDK

# 13863. FT 100D don't need no mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:21:27 UTC
From: larryllm
Topic: 13863  Message: 13863

What is your take on this reply I received from AES after asking if
a new FT100D would need the mods,I have been reading about?
Thanks
Larry

# 13864. Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 18:34:51 UTC
From: larryllm
Topic: 13844  Message: 13864

The computer is in another room I like to be able to relax and
listen to only the radio.
Thanks anyway.
Larry

# 13865. Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 19:16:10 UTC
From: Dave Adams
Topic: 13831  Message: 13865

My FT-100D is installed in my 2000 Toyota Tundra pickup, remote mounted under the passenger seat w/ the control head above the rearview mirror. ATAS-100 mounted on the pickup bed stake hole. Power leads are run straight to the battery terminals.

I get a moderate amount of what sounds like ignition (spark) noise on HF AM or SSB. FM is fine.

What's the best way to get rid of the noise ???

# 13866. Re: [FT100] Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 19:27:50 UTC
From: Norm, W3IZ
Topic: 13831  Message: 13866

Hi Dave.
You won't hear ignition noise on FM because it is a amplitude modulated type noise (AM). Have you tried a filter capacitor from hot lead to ground? If necessary you can shield your leads with some braid taken from some RG-8 coax. Also, a short ground wire from the chassis of the rig to ground will help. I used a piece of braid about 6" long.
73,
Norm, W3IZ

[Non-text portions of this message have been removed]

# 13867. Re: [FT100] Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 19:35:00 UTC
From: Pres Waterman
Topic: 13831  Message: 13867

> 
> I get a moderate amount of what sounds like ignition (spark) noise on HF
AM
> or SSB. FM is fine.
> 
> What's the best way to get rid of the noise ???

Complain to Toyota Motors America through your dealer.

Be sure to show the factory rep how bad it is above 30MHz since they seem to
thing the noise is natural below

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 13868. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 20:11:10 UTC
From: Dick Thompson
Topic: 13831  Message: 13868

Boy, Mike, you have been around a while. I can tell by all the high tech methods you mention to attach things to other things. ROFL!!!!! All you need now is a roll of duct tape and something to attach. :)

I went back into my FT-100D a while ago and laid a piece of that high tech black tape across the resistor to help hold it in place. Works like a charm.

Let's hear it for "high Tech"!!!!

73,

Dick
WB0DUL@...

----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 10:04 AM
Subject: Re: [FT100] Fan and SWR Mods

For us old-fart amateurs (I mean licensed around forty years or more) the universal solution is plenty of black tape, hi.Can't hurt anyrthing, it is STILL cheap (a buck a roll at HRO) and you can take it off with no residue.

Now, for securing things to exterior or cosmetic surfaces when you want to be able to remove them them with absolutely NO trace (as in mounting things to the dashboard of leased cars) the only real answer is silicone sealant, the kind that GE makes that you use in your bathroom. Use the clear stuff. It will stick anything to anything and will peal away as if it was never there when you want to remove the object. It doesn't even leave a mark or a residue on the leather or vinyl. That;s how I mounted the separation kit face-plate bracket to the dashboard of my explorer. If anyone is interested in photos, let me know and I'll upload them.

73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13869. Re: [FT100] FT 100D don't need no mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 20:17:14 UTC
From: Dick Thompson
Topic: 13863  Message: 13869

I'd be suspicious they wanted to sell more FT-100D's and aren't admitting anything. Either that or the person you asked is leading a "sheltered" life. Despite the mods, it's still a good rig.

A friend of mine had to send his into the shop for repair. I think it was sent to Burghart's where he bought it about 3 years ago. The VHF/UHF final Amp is gone on it. Price quoted to fix it is $350. Has anyone on this reflector had a similar problem and if so, would you care to comment on what it cost to replace the VHF/UHF Final Amp?

Also, unless I'm mistaken, I recall some comments about buying some from a wholesaler as a group order to keep the price down. What would the price be if that would happen? Anyone know?

73,

Dick
WB0DUL@...
----- Original Message -----
From: larryllm
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 12:21 PM
Subject: [FT100] FT 100D don't need no mods

What is your take on this reply I received from AES after asking if
a new FT100D would need the mods,I have been reading about?
Thanks
Larry

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[Non-text portions of this message have been removed]

# 13870. Re: [FT100] Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 20:31:12 UTC
From: Dick Thompson
Topic: 13844  Message: 13870

You're letting comments on the reflector cloud your judgement, Larry. There are known modifications that can be made to the FT-100D. The fan mod is a simple thing. I did it on mine last night. It took me more time to put the screws back in the cabinet than it took to do the mod to the fan. The fans on the FT-100D while in HF mode, run all the time. Faster when transmitting and slower when receiving. When you are in VHF/UHF, they only run when you transmit and for a short time after you stop transmitting. If the radio you get has fans that purr while receiving on V/U freq's, then you have the mod. If not, you can do it yourself. As for the High SWR Mod, that's something that opinions differ on. But in my opinion, to buy the radio and immediately send it in for modifications doesn't make much sense. Buy it, use it, then decide. Since I made the fan mod last night, my rig is running cooler than before. But, it never was so hot (as some claim) that I couldn't touch it. I've been hamming for 40 years. There is no perfect radio. If you think there is, you lead a sheltered life. Many thousands of FT-100D's have been sold, as well as FT-100's. If some of them get sent back for mods, it's not a big deal. I think in time that Yaesu will just do the mods when they manufacture the radio. I'm not sure, LArry, but they may already be doing that.

Are you licensed? If so, what is your call sign? If not, are you studying for a license? If not, why do you want a transceiver as a receiver when there are cheaper options, unless you are planning on converting it to the CB frequencies or operating it illegally in the ham bands? No accusation there, just questions. Most of us use our call signs in our e-mail or signature. I just haven't seen one for you and am curious.

73,

Dick
WB0DUL@...

I have had a chance to try the 706 & the 100D. The receiver in the 100D is much better. The ATAS is a nice antenna, but proper grounding is the key to operation. In other words, ground the hell out of it.
----- Original Message -----
From: larryllm
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 9:37 AM
Subject: [FT100] Ft 100D Receiver

Does this radio have a better receiver than the Icom 706?

Would a new radio still have to be sent back to the factory to have
the mods done?

I have read about the fans having to run all the time during
receive,is this very noticeable?

I want to use the radio for mostly listening and receiver quality is
my main concern.

I thank you can guess I am trying to decide between the FT 100D and
Icom 706 as to which has the best receiver.
Thanks for any help.
Larry

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[Non-text portions of this message have been removed]

# 13871. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 20:36:18 UTC
From: Dick Thompson
Topic: 13844  Message: 13871

Larry, the fan noise is so negligible that I really doubt you will be aware of it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: larryllm
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 11:08 AM
Subject: [FT100] Re: Ft 100D Receiver

--- In FT100@y..., W6MDK@A... wrote:
> >
> To me, it is slightly noticeable only when I am using it as a base
station in
> an extremely quiet room. In the car, or if the space has any
amount of
> ambient noise, you can't hear it.
>
> Mike
> W6MDK

The fan noise might be a problem then as I was also going to use the
rig as base.
Thanks for the replies.
Larry

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[Non-text portions of this message have been removed]

# 13872. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 20:50:19 UTC
From: W6MDK@AOL.COM
Topic: 13831  Message: 13872

Dick,

Duct tape is too damned mdern for me. Seriously though, silicone glue did not exist when I was a kid. I had a Gonset Cmmunicator II bolted to the transmission hump of my 1961 Falcon, powered by a power inverter. Eventually I replaced it with a Heathkit Twoer that I built when I was about 17...Worked great, but they were so heavy, I HAD to use bolts. Besides, no-one leased cars back in those days!!
73,

Mike
W6MDK

# 13873. Re: [FT100] Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 21:07:04 UTC
From: The Simpsons
Topic: 13844  Message: 13873

As you like to use the radio a lot for its receive capabilities, then you need the one with the best performance and frequency coverage....the FT100. If the low level of fan noise is still a problem, then buy the separation kit and mount the radio in a cupboard or similar (ensure good ventilation). Its hard to imagine the fan noise being loud enough to be a problem if mine is anything to go by.

Grant, ZL2BK.

----- Original Message -----
From: "larryllm" <larryllm@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, May 04, 2002 3:37 AM
Subject: [FT100] Ft 100D Receiver

> Does this radio have a better receiver than the Icom 706?
>
> Would a new radio still have to be sent back to the factory to have
> the mods done?
>
> I have read about the fans having to run all the time during
> receive,is this very noticeable?
>
> I want to use the radio for mostly listening and receiver quality is
> my main concern.
>
> I thank you can guess I am trying to decide between the FT 100D and
> Icom 706 as to which has the best receiver.
> Thanks for any help.
> Larry
>
>
>
>
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>

# 13874. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 21:08:26 UTC
From: Dick Thompson
Topic: 13831  Message: 13874

I remember the Twoer. I had a Heath Lunchbox. Was on the air one day and a neighbor called and accused me of getting in her organ. I was going to come up with a smarta** reply, but decided not to go down that road. Ah, how times change.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 2:50 PM
Subject: Re: [FT100] Fan and SWR Mods

Dick,

Duct tape is too damned mdern for me. Seriously though, silicone glue did
not exist when I was a kid. I had a Gonset Cmmunicator II bolted to the
transmission hump of my 1961 Falcon, powered by a power inverter. Eventually
I replaced it with a Heathkit Twoer that I built when I was about 17...Worked
great, but they were so heavy, I HAD to use bolts. Besides, no-one leased
cars back in those days!!
73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 13875. Re: [FT100] Fan and SWR Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 21:15:03 UTC
From: Alan Gault
Topic: 13831  Message: 13875

Hi

Wonder if you could upload those photos so I can see the best place to mount my rig?

Many thanks

Alan

[Non-text portions of this message have been removed]

# 13876. Re: [FT100] Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 23:07:18 UTC
From: byrddawg
Topic: 13831  Message: 13876

Hey Dave.....I installed a FT-100D in a Toyota 4Runner. My only other mobile installation was in a ford explorer. Very little RFI in the explorer, but the vehicle was always having a problem and was dumped. The FT-100 has been a great radio; even through the "mods" and all. The Toyota is a great vehicle, but very noisy. Unfortunately, I need a reliable vehicle. Never seems to be a good balance. Quite a bit of conducted as well as radiated RFI. I had success in solving my problems due to the following.... There are articles in QST (Manufactures Rec's) & QEX (Auto RFI Elimination 1-2000) about solving this problem, as it specifically relates to Toyotas. If you don't have access to these sites, contact me directly for info......

Regards, Paul KD5KCZ

Dave Adams wrote:

>
> My FT-100D is installed in my 2000 Toyota Tundra pickup, remote
> mounted under the passenger seat w/ the control head above the
> rearview mirror. ATAS-100 mounted on the pickup bed stake hole.
> Power leads are run straight to the battery terminals.
>
> I get a moderate amount of what sounds like ignition (spark) noise on
> HF AM or SSB. FM is fine.
>
> What's the best way to get rid of the noise ???
>
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[Non-text portions of this message have been removed]

# 13877. Re: [FT100] Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 01:09:16 UTC
From: Dave Adams
Topic: 13831  Message: 13877

At 03:35 PM 5/3/02 -0400, Pres Waterman W2PW wrote:

>Complain to Toyota Motors America through your dealer.
>
>Be sure to show the factory rep how bad it is above 30MHz since they seem to
>thing the noise is natural below

Actually, I hear almost no noise above 30 Mhz. Six meters is clear. I
hear a lot of noise on 40 meters and 10 meters

>Thanks

Why are you thanking me ?
Thank you for your prompt and helpful reply.

>Pres Waterman W2PW
>c/o Patchogue Motors, Inc.
>Long Island Ford and Kia dealer
>
>GO BILLS!
>©¿©

Dave Adams
KG6GZY
Otherwise happy Toyota owner

# 13878. Re: [FT100] Ignition noise suppression

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 01:55:48 UTC
From: Dave Adams
Topic: 13831  Message: 13878

At 06:07 PM 5/3/02 -0500, Paul,KD5KCZ wrote:
>Hey Dave.....I installed a FT-100D in a Toyota 4Runner.

I owned a 1988 4-Runner before this truck and never had a lick of trouble with either.

> My only other
>mobile installation was in a ford explorer. Very little RFI in the
>explorer, but the vehicle was always having a problem and was dumped.
>The FT-100 has been a great radio; even through the "mods" and all. The
>Toyota is a great vehicle, but very noisy. Unfortunately, I need a
>reliable vehicle. Never seems to be a good balance. Quite a bit of
>conducted as well as radiated RFI.

I found that if I connect a dummy load to the HF connector, the noise goes away completely. So I'm reckoning that the noise is all radiated noise picked up by the antenna and not induced in the power wiring.

> I had success in solving my problems
>due to the following.... There are articles in QST (Manufactures Rec's)
>& QEX (Auto RFI Elimination 1-2000) about solving this problem, as it
>specifically relates to Toyotas. If you don't have access to these
>sites, contact me directly for info......
>
>Regards, Paul KD5KCZ

I did a search on the ARRL website and found a link to the QEX article, but unfortunately the link is misdirected and brings up an article about PSK 31.

# 13879. Re: [FT100] Re: HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 17:04:59 UTC
From: Paul Manuel
Topic: 13793  Message: 13879

--- w1pa <w1pa@...> wrote:
> --- In FT100@y..., "mndumont" <mndumont@y...> wrote:
> > I HAVE BEEN GETTING HIGH SWR ON 440.
> Having read this group since November, I wouldn't characterize it as
> a "known" problem.

A spurious oscillation when operating on 440 has been documented in some units. In my case, it went away after I did the mod for the HF spurious. Be careful if you are experiencing this--it can lead to destruction of the VHF/UHF final.
73,
Paul K4PDM

_____
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# 13880. RE: [FT100] HIGH SWR ON 440

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-01 21:51:30 UTC
From: Richard W. Solomon
Topic: 13793  Message: 13880

I had a similar problem. The radio made three trips to Yaesu before
they gave up and gave me a new radio. Can't complain about that.

73, Dick, W1KSZ

-----Original Message-----
From: mndumont [mailto:mndumont@...]
Sent: Wednesday, May 01, 2002 12:00 PM
To: FT100@yahoogroups.com
Subject: [FT100] HIGH SWR ON 440

I HAVE BEEN GETTING HIGH SWR ON 440. IT WILL BE OK THEN ALL OF A
SUDDEN THE SWR GOES WAY OUT. I HAVE TRIED THREE DIFFERENT ANTENNAS
AND ALL THE SAME RESULTS. I ALSO NOTICED THAT THE RECEIVE ON 440 HAS
CHANGED FOR THE WORST.

THIS IS PROBABLY A KNOWN PROBLEM. IT IS STILL UNDER WARRANTY UNTIL
JULY BUT I WAS WONDERING IF IT IS AN EASY FIX. OR DOES IT HAVE TO GO.

MARK
N1DU

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# 13881. Re: ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 02:42:05 UTC
From: k5btk
Topic: 13806  Message: 13881

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:

> The Yaesu fan mod consists of adding a temperature sensitive switch
> on top of the VHF/UHF PA. I believe they actually glue the thing
> onto one of the PA devices...

'Just a comment on the "temperature sensitive switch" placed by the service department on the VHF amp. When mine came back with the fan mod, the switch wasn't glued in place but was held over the VHF amp by one of its leads being soldered to a rigid point of attachment. However, the "springiness" of the soldered lead caused the switch to actually "hover" a fraction of an inch over the amp's surface without contacting it. I experimented until I found a rubber foot with exactly the right thickness to place between the sensor and clam-shell cover to lightly press the sensor against the amp surface when the cover was in place. Then I contact cemented the foot onto the clam-shell. (I set the rubber foot on the switch with contact cement-coated surface up - then installed the cover. After waiting a few moments, I removed the cover and Voila!... It was attached to the clamshell). I don't know that I improved matters greatly, but am a firm believer that heat transfer by conduction beats the heck out of transfer by convection and radiation in this case.

Don (K5BTK)

# 13882. FC20

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 10:05:51 UTC
From: barry_zoll
Topic: 13882  Message: 13882

Good Morning!

I am considering the purchase of an FC20 but the postings here have been less than favorable. I looked on the LDG website and they don't list an interface cable for the FT100D. How is the LDG hpooked up to the FT100D?

Thanks. BZ

# 13883. Re: NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-03 13:19:30 UTC
From: ft100guy
Topic: 13791  Message: 13883

> 
> BTW do you know if I have to modify my microphone, I have the
standard
> model without the DTMF on it... (read something about mic mods few
days
> ago on this forum here!!)
> 
> Should collect some more reports before I do anything to this cute
> little rig... :-)))
> 
> 73´s from austria
> 

Get a few audio reports first, I dont know if the euro mics have
the same trouble (Euro owners chime in now!). You can always order a
USA version mic and perform the mods to it if you are not happy with
the NON-DTMF euro mic or try modding the existing mic.. Regards..
Richy

# 13884. Re: [FT100] Re: Ft 100D Receiver

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 01:30:23 UTC
From: Paul Manuel
Topic: 13844  Message: 13884

> The computer is in another room I like to be able to relax and
> listen to only the radio.
> Thanks anyway.
Actually, I don't really notice the fans at all when I am listening...just
when I am transmitting and it gets quiet. I can't imagine that they would
be a problem...
But, guys, why do we really care what he buys, anyway??
73,
Paul K4PDM

---
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# 13885. Re: [FT100] FC20

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 02:34:40 UTC
From: Norm, W3IZ
Topic: 13882  Message: 13885

Take a look at SGC SG-239. http://sgcworld.com/products/239/239.html
No interface cable needed, only 12v and 1.5 watts RF. I like mine and it will tune just about everything in a couple of seconds. I use it portable and I will be getting another at Dayton for mobile apps. I'm hoping for a show special. I paid $169 for mine from SGC but they are regulary $249. I don't have any affiliation with SGC, they just make some really good tuners.
73,
Norm, W3IZ
----- Original Message -----
From: barry_zoll
To: FT100@yahoogroups.com
Sent: Friday, May 03, 2002 6:05 AM
Subject: [FT100] FC20

Good Morning!

I am considering the purchase of an FC20 but the postings here have
been less than favorable. I looked on the LDG website and they don't
list an interface cable for the FT100D. How is the LDG hpooked up to
the FT100D?

Thanks. BZ

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# 13886. Re: [FT100] Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 03:15:38 UTC
From: lhlousek
Topic: 13886  Message: 13886

I seem to recall a participant on this list reporting impedance measurements of straps vs braids a few weeks ago. I
searched in the archive but could not find it. Can anybody point me to the message with the data, or to the author?

Lou W7DZN

# 13887. 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 07:26:16 UTC
From: w6mdk
Topic: 13887  Message: 13887

Is anyone reading this using a Hustler 6-BTV antenna? Currently I have mine mounted on a ground pipe (driven into the soil exactly per instruction. No radials, I am using an MFJ-949E Tuner. I am seriously considering mounting the antenna to a chimney mount on the peak of the roof, between 15 and 20 feet higher than it is currently. I know I will have to add radials, all of which is worth it if I am going to gain any perceptible performance by making the effirt, And an effort it is.

Is there anyone reading this who has experience in moving a well-performing antenna to a new,supposedly superior configuration? Is it worth the effort?

73,

MIKE
W6MDK

# 13888. Re: [FT100] Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 10:20:30 UTC
From: Graeme
Topic: 13886  Message: 13888

That discussion has been occurring on the FT-1000MP
mailing list

Graeme
VK3JUD

--- lhlousek <lhlousek@...> wrote: > I seem to
recall a participant on this list
> reporting impedance measurements of straps vs braids
> a few weeks ago. I
> searched in the archive but could not find it. Can
> anybody point me to the message with the data, or to
> the author?
>
> Lou W7DZN
>
>
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# 13889. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 11:04:53 UTC
From: Norm, W3IZ
Topic: 13887  Message: 13889

Mike,
Don't waste your time and energy miving the vertical to the roof. You would do so much better by adding some ground radials to your existing installation. Even if you have a small lot and can only put out radials 20 or 30 feet long and can put say 20 to 50 of them you will see a super performance increase and you will not need the tuner. Radials are easy to install. Use any copper wire, insulated, bare, #10, #18, it doesn't matter. As you run the wire away from the antenna use 20D galvanized nails every 2 or 3 feet and wrap the wire one turn around the nail and pushit into the ground. If you are using heavy wire then you can use landscape staples (any garden or hdwr store.) They are just a wire "U". once the wires are laid out and down you will be able to run the lawn mower over them with no problem. In a few months the grass will absorb the wire and the XYL won't even know they are there.

A vertical is a high angle radiator and best when ground mounted. If you do raise it, 10 to15 ft is high enough and you will only need 4 radials **per band**. That's 24 in your case and they must be resonant. (not good XYL appeal) On the ground, however, they need not be resonant but longer is better. Uniform lenght is better than long and short ones. When you reach the property line or house you can just bend them and follow the obstacle. The idea here is you are creating a return path for your RF. RF ground is different than electrical ground. The latter requires deep ground rods, RF requires long surface area.

I have used verticals for many years in defferent sittuations and they play well provided you have a good RF ground system. I had full size 80m vertical until a storm took out a tree the took ot the antenna. I am using a Butterut HF6V in the same location using the 38 radials (x 50 ft.) from the previous antenna.
GL

73,
Norm, W3IZ
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 3:26 AM
Subject: [FT100] 6-BTV

Is anyone reading this using a Hustler 6-BTV antenna? Currently I
have mine mounted on a ground pipe (driven into the soil exactly per
instruction. No radials, I am using an MFJ-949E Tuner. I am
seriously considering mounting the antenna to a chimney mount on the
peak of the roof, between 15 and 20 feet higher than it is
currently. I know I will have to add radials, all of which is worth
it if I am going to gain any perceptible performance by making the
effirt, And an effort it is.

Is there anyone reading this who has experience in moving a well-
performing antenna to a new,supposedly superior configuration? Is it

worth the effort?

73,

MIKE
W6MDK

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# 13890. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 15:21:55 UTC
From: W6MDK@AOL.COM
Topic: 13887  Message: 13890

Dear Norm,

Thanks very much for the advice. Logic dictates that you are correct, and I am going to follow what you've said. I'll let you know how it works out.

73,

Mike
W6MDK

# 13891. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 15:45:55 UTC
From: Norm, W3IZ
Topic: 13887  Message: 13891

Mike,
"The ARRL Antenna Book" has a great section on verticals and so does "Low Band DXing" by ON4UN.
73,
Norm, W3IZ
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 11:21 AM
Subject: Re: [FT100] 6-BTV

Dear Norm,

Thanks very much for the advice. Logic dictates that you are correct, and I am going to follow what you've said. I'll let you know how it works out.

73,

Mike
W6MDK

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# 13892. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 15:52:32 UTC
From: Dick Thompson
Topic: 13887  Message: 13892

I have a Hustler 4BTV mounted on the ground and using radials. If you put tuned radials in the ground they will detune when you transmit. So, my suggestion would be to put out radial (bury them) at least 33' long. I started with 8 radials 33' in length and then cut them down to tunrd radials. I didn't notice any improvement in performance or deterioration. If you mount it on your roof you will need to install tuned radials. I have a friend who lives about a block from me and he has his mounted on the roof. He uses 4 radial per band. They are spread out like spokes on a wheel, as they should be. Roof mounting is the ideal way to go if you can do it. Second choice is ground mount with radials and lastly, ground mount with no radials. If you add radial to what you now have you will probably notice a big improvement in the performance of the 6 BTV. Any length will do, just make them as long as you can and spread them out. Bury them just below the surface.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 1:26 AM
Subject: [FT100] 6-BTV

Is anyone reading this using a Hustler 6-BTV antenna? Currently I have mine mounted on a ground pipe (driven into the soil exactly per instruction. No radials, I am using an MFJ-949E Tuner. I am seriously considering mounting the antenna to a chimney mount on the peak of the roof, between 15 and 20 feet higher than it is currently. I know I will have to add radials, all of which is worth it if I am going to gain any perceptible performance by making the effirt, And an effort it is.

Is there anyone reading this who has experience in moving a well-performing antenna to a new,supposedly superior configuration? Is it worth the effort?

73,

MIKE
W6MDK

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# 13893. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 16:01:58 UTC
From: Dick Thompson
Topic: 13887  Message: 13893

Additional comments:

Mike, I forgot that you had that high tech stuff. Heck, just tape them to the ground. Hi Hi. (couldn't resist).

Norm, W3IZ, echoed pretty much what I said. Also, I spoke to NewTronics and their Engineers told me NOT to drive a ground rod into the ground next to the antenna. But, he did recommend using a length of PVC and wrap the coax around it at both the antenna and at the rig. I did that. I found a couple of pieces od PVC, 4" in dia. I wound 12 turns of mini8 coax around one of them at the base of the antenna. And I did the same thing after I bought the coax into the house. That one just lays on the floor. It will prevent the coax shield from acting as a radial and radiating a signal. If you can't find 4" stuff (12 turns at each end), then get 6" stuff and do 10 turns at each end. Well worth the effort, Mike. Line Norm said, I doubt you will see a tremendous amount of improvement by going to the roof, and the xyl appeal is much less than on the ground.

Hope the comments help. Let us know what you decide to do.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 1:26 AM
Subject: [FT100] 6-BTV

Is anyone reading this using a Hustler 6-BTV antenna? Currently I have mine mounted on a ground pipe (driven into the soil exactly per instruction. No radials, I am using an MFJ-949E Tuner. I am seriously considering mounting the antenna to a chimney mount on the peak of the roof, between 15 and 20 feet higher than it is currently. I know I will have to add radials, all of which is worth it if I am going to gain any perceptible performance by making the effirt, And an effort it is.

Is there anyone reading this who has experience in moving a well-performing antenna to a new,supposedly superior configuration? Is it worth the effort?

73,

MIKE
W6MDK

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[Non-text portions of this message have been removed]

# 13894. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 17:20:59 UTC
From: W6MDK@AOL.COM
Topic: 13887  Message: 13894

Thanks. I'll read them.

73,

Mike

# 13895. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 17:21:50 UTC
From: W6MDK@AOL.COM
Topic: 13887  Message: 13895

I just bought the material to do the radials.

# 13896. Re: [FT100] 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 17:22:56 UTC
From: W6MDK@AOL.COM
Topic: 13887  Message: 13896

I did the two coils when I put the antenna up. I wrapped them around a very high tech core - empty chlorox containers. WHen you cut 'em down, they are perfect.

Mike

# 13897. Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 20:16:28 UTC
From: Dave Adams
Topic: 13897  Message: 13897

At 07:40 AM 5/4/02 -0500, you wrote:
>Let me know how it goes.....73's paul KD5KCZ

Thanks for the great articles, Paul. This is going to be interesting.

I did a little probing with a homebrew sniffer coil and learned that most of the noise is coming from the ignition wires and coils. The Tundra engine uses an unusual system of an electronic distributor and eight individual coils each mounted directly to a spark plug. There are no spark plug wires, but the primary wires going to the coils are radiating.

The wires are all bunched together into one big harness for all the motor sensors, etc.. Maybe I can separate the ignition wires from the harness and shield them. I'm wondering if aluminum heater tape(duct tape) would work for shielding of the wires.

# 13898. AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 20:17:23 UTC
From: David F. Morse
Topic: 13898  Message: 13898

Does anyone know if a special tool is needed to remove the ribbon connectors?

I need a little precision guidance on removal of same.

David in Denver
k0dar

...

--

# 13899. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 20:29:22 UTC
From: Pres Waterman
Topic: 13897  Message: 13899

> I did a little probing with a homebrew sniffer coil and learned that most
> of the noise is coming from the ignition wires and coils. The Tundra
> engine uses an unusual system of an electronic distributor and eight
> individual coils each mounted directly to a spark plug. There are no spark
> plug wires, but the primary wires going to the coils are radiating.

I wish it were unusual. Most Fords are like this too.

Yes, it is being radiated. No, it can't be eliminated by grounding your rig.

Some serious anger towards the factory is necessary.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13900. Re: [FT100] Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 20:43:13 UTC
From: David F. Morse
Topic: 13897  Message: 13900

---

D. Adams; what I've found works fairly well on Toyotas is really good grounding.
The rig has to have a big strap of ground braid (RF ground) from the chassis to the Toy body.I also used a power filter

http://www.powerwerx.com/dcfilters.html

to help on DC input side. I wouldn't use duck tape; not a good RF suppression material and its a mess to remove. There is some RF tape (even braid) that's available, altho I'm not sure where to buy it.

David in Denver
k0dar
//////////////////////

>At 07:40 AM 5/4/02 -0500, you wrote:
>>Let me know how it goes.....73's paul KD5KCZ
>
>Thanks for the great articles, Paul. This is going to be interesting.
>
>I did a little probing with a homebrew sniffer coil and learned that most
>of the noise is coming from the ignition wires and coils. The Tundra
>engine uses an unusual system of an electronic distributor and eight
>individual coils each mounted directly to a spark plug. There are no spark
>plug wires, but the primary wires going to the coils are radiating.
>
>The wires are all bunched together into one big harness for all the motor
>sensors, etc.. Maybe I can separate the ignition wires from the harness
>and shield them. I'm wondering if aluminum heater tape(duct tape) would
>work for shielding of the wires.
>

--

# 13901. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 22:05:57 UTC
From: W6MDK@AOL.COM
Topic: 13897  Message: 13901

Pres,

I have a 2002 Explorer. Obvious iginition noise problem. Anger toward Ford is a good idea, but is there anything a bit more immediate and practical that you can suggest? (either technical or with respect to getting Ford to do something about it.

By the way, I grew up just a hop, skip and jump from Patchogue, in Levittown. I was WA2POC. My dad (83 years old) still lives in Levittown. He is W2QOA (an original call, not vanity). You native to the area?

73,

Mike
W6MDK

# 13902. Re: Re: Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 22:05:13 UTC
From: lhlousek
Topic: 13886  Message: 13902

Hi Graeme,

<<That discussion has been occurring on the FT-1000MP
mailing list>>

Yes it is but the measurements I'm looking for were posted here on the FT100 list in relation to ground the rig, and
the antenna, and the car body to the frame of a car. I was hoping to find them so that I could post them on the
FT1000MP list.

Lou W7DZN

# 13903. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 22:18:53 UTC
From: Pres Waterman
Topic: 13897  Message: 13903

> is a good idea, but is there anything a bit more immediate and practical
that
> you can suggest? (either technical or with respect to getting Ford to do
> something about it.

Well, I believe I have exhausted all technical shots at this insidious problem. It's not just Ford, but GM and we just heard Toyota has the same scheme.

They radiate RF. I cannot think of any way to stop it. It's like saying to the AM broadcast station: "can you stop radiating"?

No, actually, Ford's not SUPPOSED to be radiating.

Get an audience with your factory rep. Scream and show them it goes above 30MHz since they seem to absolve themselves of responsibility below there.

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13904. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 23:01:49 UTC
From: byrddawg
Topic: 13897  Message: 13904

Howdy Dave.....The Stu Downs QEX article uses the same means of shielding an auto ignition system that is used on aircraft engines. If you have ever seen an aircraft engine, I am sure you noticed that most of the wiring is shielded and grounded. Works in aircraft and autos both, but what a pain. I was lucky in being able to negate the majority of my conducted RFI the -70db L-C filters. Please be sure and follow good procedures in identifying all sources of RFI. I found mine was in layers. I would guess that you have more conducted noise than you think. When I would solve one problem, it would expose another. My "ABS" system was very noisy until I appled "Palomar Magic". The ARRL RFI book is invaluable and one has to be persistent.

I have not had to shield my ignition system yet, but may one day. I probably have one "S" unit of RFI (depending on the band) to deal with now and consider this acceptable. I thought about using aluminum tape too, but it does not last very long, so I am told....73's, Paul KD5KCZ

Dave Adams wrote:

> At 07:40 AM 5/4/02 -0500, you wrote:
> >Let me know how it goes.....73's paul KD5KCZ
>
> Thanks for the great articles, Paul. This is going to be
> interesting.
>
> I did a little probing with a homebrew sniffer coil and learned that
> most of the noise is coming from the ignition wires and coils. The
> Tundraengine uses an unusual system of an lectronic distributor and
> eight individual coils each mounted directly to a spark plug. There
> are no spark plug wires, but the primary wires going to the coils are
> radiating.
>
> The wires are all bunched together into one big harness for all the
> motor sensors, etc.. Maybe I can separate the ignition wires from the
> harness and shield them. I'm wondering if aluminum heater tape(duct
> tape) would work for shielding of the wires.
>
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[Non-text portions of this message have been removed]

# 13905. Re: [FT100] AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 23:03:26 UTC
From: Dick Thompson
Topic: 13898  Message: 13905

What are you trying to remove the ribbon cables from, David? Usually just a small pair of needle nose pliers or grasp the connector and gently pull straight up? Check to see if there are any clips holding it in place.

73,

Dick - Colorado Springs
WB0DUL@...
----- Original Message -----
From: David F. Morse
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 2:17 PM
Subject: [FT100] AM filter, ribbon conn removal

Does anyone know if a special tool is needed to remove the ribbon connectors?

I need a little precision guidance on removal of same.

David in Denver
k0dar

...

--

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# 13906. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 23:04:39 UTC
From: Dick Thompson
Topic: 13897  Message: 13906

Can you try toroids on the ignition wires?

73,

Dick
WB0DUL@...
----- Original Message -----
From: Dave Adams
To: byrddawg
Cc: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 2:16 PM
Subject: [FT100] Re: Toyota Help

At 07:40 AM 5/4/02 -0500, you wrote:
>Let me know how it goes.....73's paul KD5KCZ

Thanks for the great articles, Paul. This is going to be interesting.

I did a little probing with a homebrew sniffer coil and learned that most of the noise is coming from the ignition wires and coils. The Tundra engine uses an unusual system of an electronic distributor and eight individual coils each mounted directly to a spark plug. There are no spark plug wires, but the primary wires going to the coils are radiating.

The wires are all bunched together into one big harness for all the motor sensors, etc.. Maybe I can separate the ignition wires from the harness and shield them. I'm wondering if aluminum heater tape(duct tape) would work for shielding of the wires.

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# 13907. Re: [FT100] AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-04 23:37:24 UTC
From: Jim Lasswell
Topic: 13898  Message: 13907

Hi David... I have an early model of the FT 100 and the ribon cables have a small clipiedooo at the base of them. Real easy to push in though. Go easy with them though, cuz they don't like rough treatment. hi hi. 73 Jim AD6DW

-------Original Message-------

From: FT100@yahoogroups.com
Date: Saturday, May 04, 2002 4:03:31 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] AM filter, ribbon conn removal

What are you trying to remove the ribbon cables from, David? Usually just a small pair of needle nose pliers or grasp the connector and gently pull straight up? Check to see if there are any clips holding it in place.

73,

Dick - Colorado Springs
WB0DUL@...
----- Original Message -----
From: David F. Morse
To: FT100@yahoogroups.com
Sent: Saturday, May 04, 2002 2:17 PM
Subject: [FT100] AM filter, ribbon conn removal

Does anyone know if a special tool is needed to remove the ribbon connectors?

I need a little precision guidance on removal of same.

David in Denver
k0dar

...

--

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# 13908. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 00:04:26 UTC
From: W6MDK@AOL.COM
Topic: 13897  Message: 13908

Thanks. I've bought 7 cars from the same dealship, as recently as last month. I think I'll start by raising hell with them. They are extremely good to deal with. Worst comes to worst, I'll have to get used to the noise.

Mike

# 13909. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 00:19:45 UTC
From: byrddawg
Topic: 13897  Message: 13909

Pres....Very curious as a Ford Dealer, what has your success been in getting RFI problems taken care of with Fords through the manufacturer? What is their response? Thanks, Paul KD5KCZ

Pres Waterman wrote:

> > is a good idea, but is there anything a bit more immediate and
> practical
> that
> > you can suggest? (either technical or with respect to getting Ford
> to do
> > something about it.
>
>
> Well, I believe I have exhausted all technical shots at this insidious
>
> problem. It's not just Ford, but GM and we just heard Toyota has the
> same
> scheme.
>
> They radiate RF. I cannot think of any way to stop it. It's like
> saying to
> the AM broadcast station: "can you stop radiating"?
>
> No, actually, Ford's not SUPPOSED to be radiating.
>
> Get an audience with your factory rep. Scream and show them it goes
> above
> 30MHz since they seem to absolve themselves of responsibility below
> there.
>
> Pres Waterman, W2PW
> c/o Patchogue 112 Ford//Kia 112
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[Non-text portions of this message have been removed]

# 13910. SWR mod & Fan mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 03:52:28 UTC
From: Johnny L. Vanderhoofven
Topic: 13910  Message: 13910

Will the Yaesu do these mods under waranty? My FT100D
hits high SWR with a brand new 6 meter halo antenna
from KB6KQ in Carson City, Nevada.

John
KF6VXO

_____
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 13911. Low Tech, High performance sniffer.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 06:34:12 UTC
From: The Scholtz's
Topic: 13911  Message: 13911

I was in the "high end" car stereo buis. for quite a few years. And noises in cars can affect stereos as much or more than Two Way Radios.
Here is a cheap, quick tool for sniffing out electrical and RFI noise in a car.
Take a small cheap "walkman" type cassette player and remove the tape head, extend the tape head wires with a long shielded wire (about 4 feet works good) and reconnect the tape head at the other end of the wire. Put on the head phones, turn up the volume, and push play.
The tape head makes a Great sniffer! It is good to put a couple layers of shrink tube at the end with the tape head to act as a handle. You can buy those tape players new for $5 to $10, or at Garage sales for Pennies!
Good luck!
Jeff
KCØJAO

[Non-text portions of this message have been removed]

# 13912. Re: [FT100] AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 14:51:44 UTC
From: David F. Morse
Topic: 13898  Message: 13912

---

Dick (WB0DUL); I am venturing into the AM mod procedures. Using the highly technical and well illustrated manual provided by Yaesu, I am figuring out the procedure to install the xf-117a filter. I don't want to go yanking on a bunch of cables and mess up the goodies. As Jim AD6DW mentioned, one must be careful and I'm not familiar with these tiny connectors.

David in Denver
k0dar
//////////////////

>What are you trying to remove the ribbon cables from, David?
>Usually just a small pair of needle nose pliers or grasp the
>connector and gently pull straight up? Check to see if there are
>any clips holding it in place.
>
>73,
>
>Dick - Colorado Springs
>WB0DUL@...
> ----- Original Message -----
> From: David F. Morse
> To: FT100@yahoogroups.com
> Sent: Saturday, May 04, 2002 2:17 PM
> Subject: [FT100] AM filter, ribbon conn removal
>
>
> Does anyone know if a special tool is needed to remove the ribbon
>connectors?
>
> I need a little precision guidance on removal of same.
>
> David in Denver
> k0dar
>
> ...

--

# 13913. Re: AM filter, ribbon conn removal & the green wire

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 15:18:18 UTC
From: Tim
Topic: 13913  Message: 13913

"David F. Morse" wrote:

> ----------
> Dick (WB0DUL); I am venturing into the AM mod procedures. Using the
> highly technical and well illustrated manual provided by Yaesu, I am
> figuring out the procedure to install the xf-117a filter. I don't
> want to go yanking on a bunch of cables and mess up the goodies. As
> Jim AD6DW mentioned, one must be careful and I'm not familiar with
> these tiny connectors.
> David in Denver
> k0dar
>
> >What are you trying to remove the ribbon cables from, David?
> >Usually just a small pair of needle nose pliers or grasp the
> >connector and gently pull straight up? Check to see if there are
> >any clips holding it in place.

Everyone talks about the connector clips,
but no-one mentions the green wire left over
when all the clips are separated. I had to cut
it to turn the board enough to get at the underside.
I soldered it back together, and shrink-wrapped it.
(don't forget to put the shrink wrap on first before
soldering, and move it far enough away to avoid
heating.)

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13914. RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 15:22:31 UTC
From: John L. Gianotti
Topic: 13914  Message: 13914

I had a vertical (HyGain) on the roof of my garage (15 feet up) for a number of years. For radials I did the following:

1) Go to Radio Shark and purchase some flat rotor cable - 4 or 6 conductor whatever.
2) Measure 4 pieces of rotor cable the length needed for the longest radial (in my case 40 meters) you now have 4 pieces of rotor cable of equal length.
3) Take each piece of rotor cable (let's assume it was 4 conductor to start) and cut 3 of the conductors back to the next longest length (say for 20 meters). You now have one long wire and 3 shorter ones in each piece.
4) Now cut 2 conductors for the next longest length (15 meters).
5) Cut the remaining conductor for the next longest length (10 meters).

What you end up with is a cable of 4 conductors, each one cut for a different length of radial.
Spread these out on the roof (since I have 4 sets, I seperated them by 90 degrees) and enjoy. I used the FLAT rotor cable as it was easy to work with, cheap, etc. Worked great with the vertical on the roof.

Hope this idea helps. CUL and good DX.

# 13915. Re: [FT100] Re: AM filter, ribbon conn removal & the green wire

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 15:30:10 UTC
From: David F. Morse
Topic: 13913  Message: 13915

---
Thx Tim; the little green wire! I see what u mean. Looks like a
factory oops. Also will have to remove the SWR mod grounding, but
that's just a small screw.

David in Denver
k0dar
//////////////////////

>"David F. Morse" wrote:
>
>> -----------------
>> Dick (WB0DUL); I am venturing into the AM mod procedures. Using the
>> highly technical and well illustrated manual provided by Yaesu, I am
>> figuring out the procedure to install the xf-117a filter. I don't
>> want to go yanking on a bunch of cables and mess up the goodies. As
>> Jim AD6DW mentioned, one must be careful and I'm not familiar with
>> these tiny connectors.
>> David in Denver
>> k0dar
>>
>> >What are you trying to remove the ribbon cables from, David?
>> >Usually just a small pair of needle nose pliers or grasp the
>> >connector and gently pull straight up? Check to see if there are
>> >any clips holding it in place.
>
>Everyone talks about the connector clips,
>but no-one mentions the green wire left over
>when all the clips are separated. I had to cut
>it to turn the board enough to get at the underside.
>I soldered it back together, and shrink-wrapped it.
>(don't forget to put the shrink wrap on first before
>soldering, and move it far enough away to avoid
>heating.)
>
>Tim
>KA2PKH

--

# 13916. Re: [FT100] AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 15:49:00 UTC
From: Dick Thompson
Topic: 13898  Message: 13916

Good luck with the mod. I don't visualize myself using AM mode, so as yet I haven't messed with it. I did the mic mod and the fan mod, but not the high swr mod as I haven't had that problem. With the fan mod my 100D runs much cooler on v/u in receive than it ever has.

73,

Dick
wbØdul

----- Original Message -----
From: David F. Morse
To: FT100@yahoogroups.com
Sent: Sunday, May 05, 2002 8:51 AM
Subject: Re: [FT100] AM filter, ribbon conn removal

---
Dick (WB0DUL); I am venturing into the AM mod procedures. Using the highly technical and well illustrated manual provided by Yaesu, I am figuring out the procedure to install the xf-117a filter. I don't want to go yanking on a bunch of cables and mess up the goodies. As Jim AD6DW mentioned, one must be careful and I'm not familiar with these tiny connectors.

David in Denver
k0dar
//////////////////

>What are you trying to remove the ribbon cables from, David?
>Usually just a small pair of needle nose pliers or grasp the
>connector and gently pull straight up? Check to see if there are
>any clips holding it in place.
>
>73,
>
>Dick - Colorado Springs
>WB0DUL@...
> ----- Original Message -----
> From: David F. Morse
> To: FT100@yahoogroups.com
> Sent: Saturday, May 04, 2002 2:17 PM
> Subject: [FT100] AM filter, ribbon conn removal
>
>
> Does anyone know if a special tool is needed to remove the ribbon
>connectors?
>

> I need a little precision guidance on removal of same.
>
> David in Denver
> k0dar
>
> ...

--

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[Non-text portions of this message have been removed]

# 13917. Re: [FT100] RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 15:52:26 UTC
From: Dick Thompson
Topic: 13914  Message: 13917

John, only one problem with the way you did it. Radio Shark doesn't sell 5 conductor rotor cable anymore. I think 3 is all you can get. I got the last 2 100' coils of 5 conductor that existed in Colorado Springs. Paid $3 each for them, so it was a great bargain. Had I been able to mount my 4BTV on the roof I would have done exactly as you suggested.

73,

Dick
WB0DUL@...
----- Original Message -----
From: John L. Gianotti
To: FT100@yahoogroups.com
Sent: Sunday, May 05, 2002 9:22 AM
Subject: [FT100] RE Husler 6-BTV

I had a vertical (HyGain) on the roof of my garage (15 feet up) for a number of years. For radials I did the following:

1) Go to Radio Shark and purchase some flat rotor cable - 4 or 6 conductor whatever.
2) Measure 4 pieces of rotor cable the length needed for the longest radial (in my case 40 meters) you now have 4 pieces of rotor cable of equal length.
3) Take each piece of rotor cable (let's assume it was 4 conductor to start) and cut 3 of the conductors back to the next longest length (say for 20 meters). You now have one long wire and 3 shorter ones in each piece.
4) Now cut 2 conductors for the next longest length (15 meters).
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What you end up with is a cable of 4 conductors, each one cut for a different length of radial.
Spread these out on the roof (since I have 4 sets, I seperated them by 90 degrees) and enjoy. I used the FLAT rotor cable as it was easy to work with, cheap, etc. Worked great with the vertical on the roof.

Hope this idea helps. CUL and good DX.

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# 13918. ATAS IN-OP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 19:53:49 UTC
From: k0dlw
Topic: 13918  Message: 13918

I own the FT-847 and have used it mobile for the last two years with great success with the ATAS.
Well this summer I decided to purchase the FT-100d to use as my mobile rig instead, when I installed it I could not get the ATAS to tune, I checked all my ground straps and all connections. I was stumped at this point, even reread the manual!! I use the Comet 3D5MC mount and cable and have it mounted on an aluminum faring mounted behind the cab of my 4 door pickup truck (didn't want to drill holes in cab so built faring for antenna mounting)After rechecking all connections decided as a last ditch attempt to remove the 3D5MC mount and found that it had corroded between it's self and the aluminum faring. after cleaning up mount all works great.
Moral of the story......ground....ground...ground...when the ATAS doesn't want to work check ALL GROUNDS!!....KØDLW

# 13919. Re: [FT100] AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 19:53:26 UTC
From: David F. Morse
Topic: 13898  Message: 13919

>Does anyone know if a special tool is needed to remove the ribbon connectors?
>
>I need a little precision guidance on removal of same.
>
>David in Denver
>k0dar
>---------------

Thx to all who replied on this subject; Ed's reply below occurred
just as I was dorking around and figured out the secret:

I just saw your posting and a few replies, and am not sure the "clip"
business was really clear. The upper part of the pc board receptacle forms a
rectangular "collar" around the cable and snaps around the fixed part of the
connector. You pull this up to release the cable, push it back down and it
clamps the cable. It only moves a little bit, but it has quite a gripping
action.
Hope this helps - and is not too late.
73,
Ed, K1GGI

This type of connector is a push to lock and pull to release cam type
that smashes the ribbon to the connections. There is a special tool
to pull up the connector top which I, of course, don't have. The two
key shaped holes take the tool, which then is pulled up about 1/8
inch to release the ribbon. I had some small safety wire, about #22,
that I formed into a loop, with the ends bend 90 degrees (1/16").
Hook the ends in the key holes and pull up; the connector will snap
open and the ribbon can be easily pulled out. Closing is accomplished
by simultaneously pushing key hole ends down while holding ribbon
cable firmly seated.

QED
Thus endeth the lesson
David in Denver
k0dar

--

[Non-text portions of this message have been removed]

# 13920. Re: RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 20:11:20 UTC
From: Tim
Topic: 13914  Message: 13920

Dick Thompson wrote:

> John, only one problem with the way you did it. Radio Shark doesn't
> sell 5 conductor rotor cable anymore. I think 3 is all you can get.
> I got the last 2 100' coils of 5 conductor that existed in Colorado
> Springs. Paid $3 each for them, so it was a great bargain. Had I
> been able to mount my 4BTV on the roof I would have done exactly as
> you suggested.
>

One other problem, minor
though. The rotor cable
deteriorates after a few years
from the sun/weathering. The
covering will flake off.
It's mostly an esthetic thing.
;-)

If you use copperweld
it won't.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13921. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 20:26:38 UTC
From: Dave Adams
Topic: 13897  Message: 13921

Thanks for all the great input on my RFI problem. I personally don't see how crying to the dealer is going to help me. I've installed an aftermarket radio transceiver with one of the most sensitive receivers available and I find it picks up noise from the engine. By nature, all spark ignition engines produce some RFI unless steps are taken to suppress it. To insist that a car manufacturer shield the RFI completely just to appease the less then 1% of the population who might install a ham radio is absurd. The vehicle functions perfectly otherwise. I just can't consider this a dealer or warranty issue.

Besides, I feel that my time will be better spent, and I'll be more likely to find a solution, by researching the problem and taking steps to correct it myself. Plus, I just might learn something in the process.

I will, however, call the dealer on Mon. to see if they have any TSB's on the issue.

Pres, I too would be interested to hear if, in your experience, You have ever gotten a satisfactory resolution to a ham radio RFI problem by complaining to the factory. Or was it just a waste of time and breath as I suspect.

Looks like I'm going to delve into the ARRL RFI book and see what I can learn there.

Thanks again to all who replied.
73 Dave KG6GZY

# 13922. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 22:51:48 UTC
From: David F. Morse
Topic: 13897  Message: 13922

---
Dave KG6GZY; here is a link that should keep u bzy for a month or so:

http://www.arrl.org/tis/info/rficar.html

I think there's an article on an four runner (toyota) that the owner
really did a super job. My experience in this area finds that if u
mess with input shielding, one could disrupt the timing to/from the
ECU. I personally am going to try some ferrite rings on certain
leads, which ones I've not identified yet.

I have done real shielding on an older vehicle ( 1953 pontiac) and
achieved great success( Standard kettering point and coil ignition).
I used a coffee can on the distributor, rg8 braid on the spark leads,
etc. The attempt to filter the point leads lead to really bad idle
problems (feed thru caps). Ferrites were not around at this time
(1964). The rig was a mobile HeathKit, and worked great. My first
contact was WH6 in Hawaii.

However, with the newer ignition systems, one is not to sure what
needs to be done to reduce RFI and still keep the darn car running. A
fun exercise in electronics, eh?
David in Denver
k0dar
//////////////////////////

>Thanks for all the great input on my RFI problem. I personally don't see
>how crying to the dealer is going to help me. I've installed an aftermarket
>radio transceiver with one of the most sensitive receivers available and I
>find it picks up noise from the engine. By nature, all spark ignition
>engines produce some RFI unless steps are taken to suppress it. To insist
>that a car manufacturer shield the RFI completely just to appease the less
>then 1% of the population who might install a ham radio is absurd. The
>vehicle functions perfectly otherwise. I just can't consider this a dealer
>or warranty issue.
>
>Besides, I feel that my time will be better spent, and I'll be more likely
>to find a solution, by researching the problem and taking steps to correct
>it myself. Plus, I just might learn something in the process.
>
>I will, however, call the dealer on Mon. to see if they have any TSB's on
>the issue.
>
>Pres, I too would be interested to hear if, in your experience, You have
>ever gotten a satisfactory resolution to a ham radio RFI problem by
>complaining to the factory. Or was it just a waste of time and breath as I

>suspect.
>
>Looks like I'm going to delve into the ARRL RFI book and see what I can
>learn there.
>
>Thanks again to all who replied.
>73 Dave KG6GZY

--

# 13923. Ignition noise in vehicles

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 22:57:04 UTC
From: ve7baq
Topic: 13923  Message: 13923

There have been quite a few posts lately regarding ignition and other noise in present day mobile operation. With the advent of solid state this and that in the modern vehicle this will pose many problems. Noise has been a plague ever since hams began installing their rigs in cars, boats, and trucks. Years ago I installed a tube type transceiver in a 1959 Mercury truck and had a lot of noise. I installed braid over all the high tension leads, put a capacitor to ground from the battery side of the ignition coil (remember those coil and point ignition systems?) I think I even installed resister spark plugs. The noise went down a little bit but was still very bothersome. The charging system was a generator and the noise from it was easy to cure. (By the way if your noise is a whine that changes with engine speed it most likely is the alternator). I also grounded the exhaust system and installed bonding cable on both sides of the hood to the body. The frame was also bonded to the body. Now I said the noise should be gone! Ha! Not so! Spark ignition noise like you wont believe! My antenna was mounted in front on top of the spare tire bumper mount, nice and high and hardly noticeable to a ham. The XYL didn't agree but we compromise quite a bit, and after nearly fifty years of marriage still get along pretty good. But back to the transceiver installation. The noise was really bad so in desperation, I connected a short length of braid cable to the front of the hood, connected an alligator clip to the other end and clipped this to the base of the ant. mount. The noise is gone! Took all the shield braid off the ignition wires, left the capacitor on the battery side of the coil and went mobile. Just had to remember to reconnect it when checking the oil etc. Sometimes you will have to try the unorthodox methods. It is not all cut and dried or written in the books yet!
VE7BAQ

# 13924. Re: ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 23:37:43 UTC
From: backhoefade
Topic: 13806  Message: 13924

I got an A in dynamics and a B in Heat Transfer and a B in
Thermodynamics. So I guess that makes me an average engineer.
Oh well, six houses later and the ability to not have to work are
really nice things.
N6AF Chas

--- In FT100@y..., "k5btk" <k5btk@a...> wrote:
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
>
> > The Yaesu fan mod consists of adding a temperature sensitive
switch
> > on top of the VHF/UHF PA. I believe they actually glue the thing
> > onto one of the PA devices...
>
> 'Just a comment on the "temperature sensitive switch" placed by the
> service department on the VHF amp. When mine came back with the
fan
> mod, the switch wasn't glued in place but was held over the VHF amp
> by one of its leads being soldered to a rigid point of attachment.
> However, the "springiness" of the soldered lead caused the switch
to
> actually "hover" a fraction of an inch over the amp's surface
without
> contacting it. I experimented until I found a rubber foot with
> exactly the right thickness to place between the sensor and clam-
> shell cover to lightly press the sensor against the amp surface
when
> the cover was in place. Then I contact cemented the foot onto the
> clam-shell. (I set the rubber foot on the switch with contact
cement-
> coated surface up - then installed the cover. After waiting a few
> moments, I removed the cover and Voila!... It was attached to the
> clamshell). I don't know that I improved matters greatly, but am a
> firm believer that heat transfer by conduction beats the heck out
of
> transfer by convection and radiation in this case.
>
> Don (K5BTK)

# 13925. Re: Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 23:46:25 UTC
From: backhoefade
Topic: 13886  Message: 13925

I published some information regarding lightning protection that takes into consideration the fast rise time of strike related events and the consequential voltage rise that occurs as a result of the physics of the whole situation. I suggest that you consider the inductance of the path and make the appropriate changes or improvements. Remember that one meter of 6 guage wire has roughly 1 microHenry of of inductance and the typical strike rise-time is about 3 nanoseconds, so go figure. Answer: keep it short and keep it wide. Does that make any sense to you?? Hello - test - one two
N6AF Chas
--- In FT100@y..., lhlousek <lhlousek@n...> wrote:
> I seem to recall a participant on this list reporting impedance measurements of straps vs braids a few weeks ago. I
> searched in the archive but could not find it. Can anybody point me to the message with the data, or to the author?
>
> Lou W7DZN

# 13926. Re: 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 23:54:24 UTC
From: backhoefade
Topic: 13887  Message: 13926

I read everything you said and I agree but I have to submit that in general vertical antennas don't work well. Generally they are a compromise antenna system that represents a very poor implimentation trade-off, whithin which the primary factor is laziness on the part of the ham. Come on - tell the truth. Either you've put up a beam in your life time or you're a wimp!
N6AF Chas

-- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Mike,
> Don't waste your time and energy miving the vertical to the roof. You would do so much better by adding some ground radials to your existing installation. Even if you have a small lot and can only put out radials 20 or 30 feet long and can put say 20 to 50 of them you will see a super performance increase and you will not need the tuner. Radials are easy to install. Use any copper wire, insulated, bare, #10, #18, it doesn't matter. As you run the wire away from the antenna use 20D galvanized nails every 2 or 3 feet and wrap the wire one turn around the nail and pushit into the ground. If you are using heavy wire then you can use landscape staples (any garden or hdwr store.) They are just a wire "U". once the wires are laid out and down you will be able to run the lawn mower over them with no problem. In a few months the grass will absorb the wire and the XYL won't even know they are there.
>
> A vertical is a high angle radiator and best when ground mounted. If you do raise it, 10 to15 ft is high enough and you will only need 4 radials **per band**. That's 24 in your case and they must be resonant. (not good XYL appeal) On the ground, however, they need not be resonant but longer is better. Uniform lenght is better than long and short ones. When you reach the property line or house you can just bend them and follow the obstacle. The idea here is you are creating a return path for your RF. RF ground is different than electrical ground. The latter requires deep ground rods, RF requires long surface area.
>
> I have used verticals for many years in defferent sittuations and they play well provided you have a good RF ground system. I had full size 80m vertical until a storm took out a tree the took ot the antenna. I am using a Butterut HF6V in the same location using the 38 radials (x 50 ft.) from the previous antenna.
> GL
>
> 73,
> Norm, W3IZ

> ----- Original Message -----
> From: w6mdk
> To: FT100@y...
> Sent: Saturday, May 04, 2002 3:26 AM
> Subject: [FT100] 6-BTV
>
>
> Is anyone reading this using a Hustler 6-BTV antenna? Currently
I
> have mine mounted on a ground pipe (driven into the soil exactly
per
> instruction. No radials, I am using an MFJ-949E Tuner. I am
> seriously considering mounting the antenna to a chimney mount on
the
> peak of the roof, between 15 and 20 feet higher than it is
> currently. I know I will have to add radials, all of which is
worth
> it if I am going to gain any perceptible performance by making
the
> effirt, And an effort it is.
>
> Is there anyone reading this who has experience in moving a well-
> performing antenna to a new,supposedly superior configuration? Is
it
> worth the effort?
>
> 73,
>
>
> MIKE
> W6MDK
>
>
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>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>

>
>
> [Non-text portions of this message have been removed]

# 13927. Re: AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 23:57:45 UTC
From: backhoefade
Topic: 13898  Message: 13927

Easy answer: common sense.
You can do it. Just take your time.
N6AF Chas

--- In FT100@y..., "David F. Morse" <dfmorse@q...> wrote:
> Does anyone know if a special tool is needed to remove the ribbon
connectors?
>
> I need a little precision guidance on removal of same.
>
> David in Denver
> k0dar
>
> ...
>
>
> --

# 13928. Re: [FT100] Re: ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:00:06 UTC
From: David F. Morse
Topic: 13806  Message: 13928

---
Chas; sell all houses and tech stocks; subscribe to Weiss group and try 20% gold. Hopefully we will find a reasonable High Power amp replacement on our neat little FT100*.
David in Denver
k0dar
//////////////////////

>I got an A in dynamics and a B in Heat Transfer and a B in
>Thermodynamics. So I guess that makes me an average engineer.
>Oh well, six houses later and the ability to not have to work are
>really nice things.
>N6AF Chas

--

# 13929. Re: [FT100] RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:03:08 UTC
From: Bob Burns K4RXR
Topic: 13914  Message: 13929

I wonder if you can buy 4-wire flat cable like they use for trailer wiring
in bulk quantities long enough to use for radials.

Bob...

# 13930. Re: SWR mod & Fan mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:03:38 UTC
From: backhoefade
Topic: 13910  Message: 13930

Yes, send it in. Request two things:
1) modification for the spurious oscillation (the so-called "SWR icon" problem).
2) modification for the VHF/UHF fan mod.

That's it! Once you get the rig back it's perfect.
Enjoy!
Chas N6AF

--- In FT100@y..., "Johnny L. Vanderhoofven" <john_vandy@y...> wrote:
> Will the Yaesu do these mods under waranty? My FT100D
> hits high SWR with a brand new 6 meter halo antenna
> from KB6KQ in Carson City, Nevada.
>
> John
> KF6VXO
>
> _____
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com

# 13931. Re: AM filter, ribbon conn removal & the green wire

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:22:29 UTC
From: backhoefade
Topic: 13913  Message: 13931

This is wierd - almost like a cult. My wife didn't leave me but it truely will be a "hard sell" to convince her to ever buy a "new" radio from any company. To put it in real, practical, terms, Yaesu can go to Heck. This has been an example of what precisely not to do. It smells very bad and that is that. Go away Yaesu. We wish that you didn't exist. You suck!!!!!!!
N6AF Charles

How dare you sell me an object that clearly had well known design defficiencies!? I'm serious, you gotta be nuts. For me to have to defend your half-As- operation to my wife is unforgivable.

Yaesu equals bad design and bad business practice. You will be reported and your sales in America will subside. You lose because you lied. That behavior is inappropriate in a time when excellent products are expected.

How on earth could you do this? Seriously - get a clue - that is the most stupid way to run a company. Yaesu - you are on the carpet. I want an explaination. Be specific regarding you decision criteria regarding your decision to not declare that you had a design deficiency and your obvious decision to handle the wide-spread design problem on an individual basis.

--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> "David F. Morse" wrote:
>
> > -----------------
> > Dick (WB0DUL); I am venturing into the AM mod procedures. Using
the
> > highly technical and well illustrated manual provided by Yaesu, I
am
> > figuring out the procedure to install the xf-117a filter. I don't
> > want to go yanking on a bunch of cables and mess up the goodies.
As
> > Jim AD6DW mentioned, one must be careful and I'm not familiar with
> > these tiny connectors.
> > David in Denver
> > k0dar
> >
> > >What are you trying to remove the ribbon cables from, David?
> > >Usually just a small pair of needle nose pliers or grasp the
> > >connector and gently pull straight up? Check to see if there are
> > >any clips holding it in place.
>
> Everyone talks about the connector clips,

> but no-one mentions the green wire left over
> when all the clips are separated. I had to cut
> it to turn the board enough to get at the underside.
> I soldered it back together, and shrink-wrapped it.
> (don't forget to put the shrink wrap on first before
> soldering, and move it far enough away to avoid
> heating.)
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been removed]

# 13932. Re: [FT100] RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:35:20 UTC
From: Einar Carlsen
Topic: 13914  Message: 13932

Yes at least in my town you can. It comes in 100 foot rolls and some dealers even stock it in 6 or 8 conductors, depending on application.
VE7BAQ
----- Original Message -----
From: Bob Burns K4RXR
To: FT100@yahoogroups.com
Sent: Sunday, May 05, 2002 17:03 PM
Subject: Re: [FT100] RE Husler 6-BTV

I wonder if you can buy 4-wire flat cable like they use for trailer wiring
in bulk quantities long enough to use for radials.

Bob...

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[Non-text portions of this message have been removed]

# 13933. Re: [FT100] RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:39:32 UTC
From: Dick Thompson
Topic: 13914  Message: 13933

Bob,

If you have enough money, you can buy anything you want. Go to an RV dealer/service facility and tell them what you want. It probably won't be cheap, but worth a try.

Also, call your local Radio Shack stores and ask them if they have any 5 wire rotor cable in stock. I was told that there wasn't any to be found here in Colo Springs, but after dinner in a restaurant one evening, I stopped at a RS store and the kid said "We have 2 spools od 100' each left. The price is $6 per 100'." I told him I'd take them both. When he rung up the sale, it came to $6.00 plus tax. He said he guessed they lowered the price even further.

Happy hunting.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Bob Burns K4RXR
To: FT100@yahoogroups.com
Sent: Sunday, May 05, 2002 6:03 PM
Subject: Re: [FT100] RE Husler 6-BTV

I wonder if you can buy 4-wire flat cable like they use for trailer wiring
in bulk quantities long enough to use for radials.

Bob...

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[Non-text portions of this message have been removed]

# 13934. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:49:41 UTC
From: Pres Waterman
Topic: 13897  Message: 13934

> Pres....Very curious as a Ford Dealer, what has your success been in
> getting RFI problems taken care of with Fords through the manufacturer?
> What is their response? Thanks, Paul KD5KCZ

None. Zippo. They sent a field engineer out who "hmmed" a lot. Said there is no problem since the noise is below 30MHz. I showed him it extends to above 500MHz!!! Some more "hmm"ing and a promise to get back to me. 2 years ago.

This is why I urge every ham to get an audience with their local field engineer. If we ALL gang up on them and waste enough of their time they may, just may, get a hint at the factory that this is unacceptable.

Thanks

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13935. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:50:31 UTC
From: Pres Waterman
Topic: 13897  Message: 13935

> Thanks. I've bought 7 cars from the same dealship, as recently as last
> month. I think I'll start by raising hell with them. They are extremely
> good to deal with. Worst comes to worst, I'll have to get used to the
noise.

Not with the dealership, of course, it's not their problem. With the factory
nerd... er geek... er "engineer"...

Thanks

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13936. Re: [FT100] Re: 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:54:17 UTC
From: Norm, W3IZ
Topic: 13887  Message: 13936

One beam? Wimp? For chrisakes, Chas, I had a stack of TH7's, and a 40m beam, and a full sized 1/4 wave 80m vertical as well. (Funnel clouds. Another story for another time.) The vertical is not a compromise antenna but another tool in the toolbox. If you can't get a 80m dipole up 150 ft. then a full size 1/4 wave vertical will be your best weapon for DX. If you have both then you have options for the conditions at the time. The vertical is not a compromise but people make it a compromise. They think that you can do it in limited space, however, the opposite is true. To "properly" install a vertical you need a plot of land and need to clear it out of trees and then burry a ton of long wire. On low bands, because of size, the vertical is the most logical choice for most guys. Large gain type yagis up high are the best choice for the higher frequencies, 10-15-20m. Everybody has to work with what they have and not everybody has a 30 acre antenna field.
Every time, and I mean every time, that I hear an antenna discussion the first question that should be asked is "where do you want to communicate with?". The "best" antenna will be the one that puts your signal where you want it. Take a look at the antenna field at Ft. Bragg and you can see that they are set up to put a signal anywhere they want to. If I had their budget I could do that too.

Dude, are you getting too much into the Cinqo d' Mayo party? College grades, real estate, calling ops wimps. Chill. It's only a freaking hobby.

73,
Norm, W3IZ
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Sunday, May 05, 2002 7:54 PM
Subject: [FT100] Re: 6-BTV

I read everything you said and I agree but I have to submit that in general vertical antennas don't work well. Generally they are a compromise antenna system that represents a very poor implimentation trade-off, whithin which the primary factor is laziness on the part of the ham. Come on - tell the truth. Either you've put up a beam in your life time or you're a wimp!
N6AF Chas

-- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Mike,
> Don't waste your time and energy miving the vertical to the roof. You would do so much better by adding some ground radials to your existing installation. Even if you have a small lot and can only put out radials 20 or 30 feet long and can put say 20 to 50 of them you will see a super performance increase and you will not need the tuner. Radials are easy to install. Use any copper wire, insulated, bare, #10, #18, it doesn't matter. As you run the wire away from the antenna use 20D galvanized nails every 2 or 3 feet and wrap the wire

one turn around the nail and pushit into the ground. If you are using heavy wire then you can use landscape staples (any garden or hdwr store.) They are just a wire "U". once the wires are laid out and down you will be able to run the lawn mower over them with no problem. In a few months the grass will absorb the wire and the XYL won't even know they are there.
>
> A vertical is a high angle radiator and best when ground mounted. If you do raise it, 10 to15 ft is high enough and you will only need 4 radials **per band**. That's 24 in your case and they must be resonant. (not good XYL appeal) On the ground, however, they need not be resonant but longer is better. Uniform lenght is better than long and short ones. When you reach the property line or house you can just bend them and follow the obstacle. The idea here is you are creating a return path for your RF. RF ground is different than electrical ground. The latter requires deep ground rods, RF requires long surface area.
>
> I have used verticals for many years in defferent sittuations and they play well provided you have a good RF ground system. I had full size 80m vertical until a storm took out a tree the took ot the antenna. I am using a Butterut HF6V in the same location using the 38 radials (x 50 ft.) from the previous antenna.
> GL
>
> 73,
> Norm, W3IZ
> ----- Original Message -----
> From: w6mdk
> To: FT100@y...
> Sent: Saturday, May 04, 2002 3:26 AM
> Subject: [FT100] 6-BTV
>
>
> Is anyone reading this using a Hustler 6-BTV antenna? Currently
I
> have mine mounted on a ground pipe (driven into the soil exactly
per
> instruction. No radials, I am using an MFJ-949E Tuner. I am
> seriously considering mounting the antenna to a chimney mount on
the
> peak of the roof, between 15 and 20 feet higher than it is
> currently. I know I will have to add radials, all of which is
worth
> it if I am going to gain any perceptible performance by making
the
> effirt, And an effort it is.
>
> Is there anyone reading this who has experience in moving a well-
> performing antenna to a new,supposedly superior configuration? Is

it
> worth the effort?
>
> 73,
>
>
> MIKE
> W6MDK
>
>
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>
>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 13937. Re: [FT100] Low Tech, High performance sniffer.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 00:55:38 UTC
From: Pres Waterman
Topic: 13911  Message: 13937

I was in the "high end" car stereo buis. for quite a few years. And noises in cars can affect stereos as much or more than Two Way Radios.
Here is a cheap, quick tool for sniffing out electrical and RFI noise in a car.
Take a small cheap "walkman" type cassette player and remove the tape head, extend the tape head wires with a long shielded wire (about 4 feet works good) and reconnect the tape head at the other end of the wire. Put on the

Cool. This is interesting. Of course, those of us with FT-100 or other HF radios can also accomplish the same with an 18' piece of coax and one PL-259 on the end, the other is stripped and left unshielded a few inches.

BTW in my 2002 Mustang I have REVERSE RFI... the broadcast radio trashes some areas of 10m and 6 and VHF-lo as far as I can tell... sheesh. This is enough to consider rebuilding the remote base.

Thanks

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 13938. Re: ground strap and fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 01:01:07 UTC
From: backhoefade
Topic: 13806  Message: 13938

Hmmmm ??????? Good answer but it won't work.
The FT-100D is a great rig. The receiver is excellent. I was just spouting off about they handled the whole situation.
Would I buy another Yaesu radio - you betcha! in a heartbeat. Let's be reasonable - they have the best receiving system on the planet!
No question about it.
N6AF Chas

--- In FT100@y..., "David F. Morse" <dfmorse@q...> wrote:
> ------------------
> Chas; sell all houses and tech stocks; subscribe to Weiss group and
> try 20% gold. Hopefully we will find a reasonable High Power amp
> replacement on our neat little FT100*.
> David in Denver
> k0dar
> ////////////////////
>
>
> >I got an A in dynamics and a B in Heat Transfer and a B in
> >Thermodynamics. So I guess that makes me an average engineer.
> >Oh well, six houses later and the ability to not have to work are
> >really nice things.
> >N6AF Chas
>
> --

# 13939. Re: 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 01:18:10 UTC
From: backhoefade
Topic: 13887  Message: 13939

Just trying to stir up some discussion. Guess it worked.
I was most impressed by the antenna farm at Marshall and Bodega Bay.
That was really neat. I mean just super. Really interesting stuff.
The patterns that were developed by those systems were outstanding.
Fortunately my wife has some appreciation for that. She says, for
example, "Hey - those towers look pretty nice". Coming from a wife
that's not an engineer, that's very nice.
Take care es 73 Chas N6AF

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> One beam? Wimp? For chrisakes, Chas, I had a stack of TH7's, and
a 40m beam, and a full sized 1/4 wave 80m vertical as well. (Funnel
clouds. Another story for another time.) The vertical is not a
compromise antenna but another tool in the toolbox. If you can't get
a 80m dipole up 150 ft. then a full size 1/4 wave vertical will be
your best weapon for DX. If you have both then you have options for
the conditions at the time. The vertical is not a compromise but
people make it a compromise. They think that you can do it in
limited space, however, the opposite is true. To "properly" install
a vertical you need a plot of land and need to clear it out of trees
and then burry a ton of long wire. On low bands, because of size,
the vertical is the most logical choice for most guys. Large gain
type yagis up high are the best choice for the higher frequencies, 10-
15-20m. Everybody has to work with what they have and not everybody
has a 30 acre antenna field.
> Every time, and I mean every time, that I hear an antenna
discussion the first question that should be asked is "where do you
want to communicate with?". The "best" antenna will be the one that
puts your signal where you want it. Take a look at the antenna field
at Ft. Bragg and you can see that they are set up to put a signal
anywhere they want to. If I had their budget I could do that too.
>
> Dude, are you getting too much into the Cinqo d' Mayo party?
College grades, real estate, calling ops wimps. Chill. It's only a
freaking hobby.
>
> 73,
> Norm, W3IZ
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Sunday, May 05, 2002 7:54 PM
> Subject: [FT100] Re: 6-BTV
>
>

> I read everything you said and I agree but I have to submit that
in
> general vertical antennas don't work well. Generally they are a
> compromise antenna system that represents a very poor
implimentation
> trade-off, whithin which the primary factor is laziness on the
part
> of the ham. Come on - tell the truth. Either you've put up a
beam
> in your life time or you're a wimp!
> N6AF Chas
>
> -- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> > Mike,
> > Don't waste your time and energy miving the vertical to the
roof.
> You would do so much better by adding some ground radials to your
> existing installation. Even if you have a small lot and can only
put
> out radials 20 or 30 feet long and can put say 20 to 50 of them
you
> will see a super performance increase and you will not need the
> tuner. Radials are easy to install. Use any copper wire,
insulated,
> bare, #10, #18, it doesn't matter. As you run the wire away from
the
> antenna use 20D galvanized nails every 2 or 3 feet and wrap the
wire
> one turn around the nail and pushit into the ground. If you are
> using heavy wire then you can use landscape staples (any garden
or
> hdwr store.) They are just a wire "U". once the wires are laid
out
> and down you will be able to run the lawn mower over them with no
> problem. In a few months the grass will absorb the wire and the
XYL
> won't even know they are there.
> >
> > A vertical is a high angle radiator and best when ground
mounted.
> If you do raise it, 10 to15 ft is high enough and you will only
need
> 4 radials **per band**. That's 24 in your case and they must be
> resonant. (not good XYL appeal) On the ground, however, they
need
> not be resonant but longer is better. Uniform lenght is better
than
> long and short ones. When you reach the property line or house
you
> can just bend them and follow the obstacle. The idea here is you

are
> creating a return path for your RF. RF ground is different than
> electrical ground. The latter requires deep ground rods, RF
requires
> long surface area.
> >
> > I have used verticals for many years in defferent sittuations
and
> they play well provided you have a good RF ground system. I had
full
> size 80m vertical until a storm took out a tree the took ot the
> antenna. I am using a Butterut HF6V in the same location using
the
> 38 radials (x 50 ft.) from the previous antenna.
> > GL
> >
> > 73,
> > Norm, W3IZ
> > ----- Original Message -----
> > From: w6mdk
> > To: FT100@y...
> > Sent: Saturday, May 04, 2002 3:26 AM
> > Subject: [FT100] 6-BTV
> >
> >
> > Is anyone reading this using a Hustler 6-BTV antenna?
Currently
> I
> > have mine mounted on a ground pipe (driven into the soil
exactly
> per
> > instruction. No radials, I am using an MFJ-949E Tuner. I
am
> > seriously considering mounting the antenna to a chimney mount
on
> the
> > peak of the roof, between 15 and 20 feet higher than it is
> > currently. I know I will have to add radials, all of which
is
> worth
> > it if I am going to gain any perceptible performance by
making
> the
> > effirt, And an effort it is.
> >
> > Is there anyone reading this who has experience in moving a
well-
> > performing antenna to a new,supposedly superior
configuration? Is
> it

> > worth the effort?
> >
> > 73,
> >
> >
> > MIKE
> > W6MDK
> >
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> >
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> > Post message: FT100@y...
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> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]

# 13940. ATAS Tuning Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 02:58:18 UTC
From: wd5dbc
Topic: 13940  Message: 13940

Hi

I searched the FAQs for my problem and did not find it.

I just installed my FT100 and ATAS100 in my car. I set the 100 to 14.323 pressed the tune button, and the antenna extended. Neat.

Next I tried 7.255, pressed tune and the antenna extended more. Neat!

Next I tried 14., pressed tune, nothing happened. I tried the manual tune, using the front panel up/down. Nothing happened.

I am using the ATAS100 connected only to the HF/50 pigtail, no vhf/uhf antenna and the menu setting set to ATAS-1.

Any suggestions or trouble shooting hints?

73s
WD5DBC

# 13941. Re:Ignition noise in vehicles

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 03:27:35 UTC
From: Tim
Topic: 13923  Message: 13941

ve7baq wrote:

> My antenna was mounted in front on top of the
> spare tire bumper mount, nice and high and hardly noticeable to a
> ham. The XYL didn't agree but we compromise quite a bit, and after
> nearly fifty years of marriage still get along pretty good.

Compromise works sometimes
but the only real way is to hook 'em.
Tim
KA2PKH
and
Laura (XYL)
KA2PKG
(Why do they always give 'em the first callsign?)

> But
> back to the transceiver installation. The noise was really bad so in
> desperation, I connected a short length of braid cable to the front
> of the hood, connected an alligator clip to the other end and clipped
> this to the base of the ant. mount. The noise is gone! Took all the
> shield braid off the ignition wires, left the capacitor on the
> battery side of the coil and went mobile. Just had to remember to
> reconnect it when checking the oil etc. Sometimes you will have to
> try the unorthodox methods. It is not all cut and dried or written
> in the books yet!
> VE7BAQ

That reminds me, at Dayton a few years
back I remember talking to a factory
rep for I think GM. He said that there were
"White Papers" for Transceiver installation
for each specific model. They use them
for I believe government factory installs.

Maybe a request for such a reference from
the manufacture?

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13942. Re: [FT100] Re: Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 03:32:21 UTC
From: Tim
Topic: 13886  Message: 13942

backhoefade wrote:

> > I seem to recall a participant on this list reporting impedance
> measurements of straps vs braids a few weeks ago. I
> > searched in the archive but could not find it. Can anybody point
> me to the message with the data, or to the author?
> >
> > Lou W7DZN

OR, you could just visit
Polyphaser
http://www.polyphaser.com/

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13943. Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 03:48:32 UTC
From: Tim
Topic: 13943  Message: 13943

backhoefade wrote:

> I read everything you said and I agree but I have to submit that in
> general vertical antennas don't work well. Generally they are a
> compromise antenna system that represents a very poor implimentation
> trade-off, whithin which the primary factor is laziness on the part
> of the ham. Come on - tell the truth. Either you've put up a beam
> in your life time or you're a wimp!
> N6AF Chas
>

A beam for 80 meters?
(heh)

Why not put up the
B&W 1.8 - 30MHz Folded dipole?
http://www.bwantennas.com/eng/fdipole.eng.htm

Mine's 30 feet up at the ends,
50 feet up, on the tower, center,
for an inverted-V with omni coverage,
and low noise to boot.

90 feet long, roughly 2 feet wide,
balanced coverage between
1.8 - 30 with less than 2 to 1 swr,
NO tuner. Handles from 2K to
whatever you need, special order. The
military, and embassies have a ton of
them.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13944. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 04:00:05 UTC
From: Jim Lasswell
Topic: 13944  Message: 13944

Tim. Where can I get one of those antenna's. Did you say that the gov. surplus stores might handle them. I have an inverted V that works great " home made" but that one you are referring to sounds good. If you know where I might get in touch with one of those things, let me know please. Thanks and 73 de AD6DW Jim

-------Original Message-------

From: FT100@yahoogroups.com
Date: Sunday, May 05, 2002 8:49:09 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

backhoefade wrote:

> I read everything you said and I agree but I have to submit that in
> general vertical antennas don't work well. Generally they are a
> compromise antenna system that represents a very poor implimentation
> trade-off, whithin which the primary factor is laziness on the part
> of the ham. Come on - tell the truth. Either you've put up a beam
> in your life time or you're a wimp!
> N6AF Chas
>

A beam for 80 meters?
(heh)

Why not put up the
B&W 1.8 - 30MHz Folded dipole?
http://www.bwantennas.com/eng/fdipole.eng.htm

Mine's 30 feet up at the ends,
50 feet up, on the tower, center,
for an inverted-V with omni coverage,
and low noise to boot.

90 feet long, roughly 2 feet wide,
balanced coverage between
1.8 - 30 with less than 2 to 1 swr,
NO tuner. Handles from 2K to
whatever you need, special order. The
military, and embassies have a ton of
them.

Tim
KA2PKH

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# 13945. Re: [FT100] Re: 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 04:05:02 UTC
From: W6MDK@AOL.COM
Topic: 13887  Message: 13945

Thank you for your opinion. I had a beam when I wanted a beam, which was about 35 years ago. Right now I am quite satisfied with my vertical and my loop. Next week, who knows?

# 13946. Re: [FT100] ATAS Tuning Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 04:07:52 UTC
From: Jim Lasswell
Topic: 13940  Message: 13946

All I can say is GROUND THAT SUKEH good. I had the same problem until I put so much grounding straps on it that it looked like a grounding strap.Even grounded both sides of the rig to the mounting bracket. It does every thing it is made for now. Dat sukey wooks gud now. Good luck AD6DW Jim

-------Original Message-------

From: FT100@yahoogroups.com
Date: Sunday, May 05, 2002 8:07:29 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS Tuning Problem

Hi

I searched the FAQs for my problem and did not find it.

I just installed my FT100 and ATAS100 in my car. I set the 100 to 14.323 pressed the tune button, and the antenna extended. Neat.

Next I tried 7.255, pressed tune and the antenna extended more. Neat!

Next I tried 14., pressed tune, nothing happened. I tried the manual tune, using the front panel up/down. Nothing happened.

I am using the ATAS100 connected only to the HF/50 pigtail, no vhf/uhf antenna and the menu setting set to ATAS-1.

Any suggestions or trouble shooting hints?

73s
WD5DBC

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# 13947. RE: [FT100] Re: AM filter, ribbon conn removal & the green wire

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-05 16:54:14 UTC
From: Richard W. Solomon
Topic: 13913  Message: 13947

The Green Wire must be an "upgrade" in the FT100D,
I did not need to do that in my FT-100 (actually did it
on two FT-100's).

73, Dick, W1KSZ

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: Sunday, May 05, 2002 11:18 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: AM filter, ribbon conn removal & the green wire

"David F. Morse" wrote:

> -----------------
> Dick (WB0DUL); I am venturing into the AM mod procedures. Using the
> highly technical and well illustrated manual provided by Yaesu, I am
> figuring out the procedure to install the xf-117a filter. I don't
> want to go yanking on a bunch of cables and mess up the goodies. As
> Jim AD6DW mentioned, one must be careful and I'm not familiar with
> these tiny connectors.
> David in Denver
> k0dar
>
> >What are you trying to remove the ribbon cables from, David?
> >Usually just a small pair of needle nose pliers or grasp the
> >connector and gently pull straight up? Check to see if there are
> >any clips holding it in place.

Everyone talks about the connector clips,
but no-one mentions the green wire left over
when all the clips are separated. I had to cut
it to turn the board enough to get at the underside.
I soldered it back together, and shrink-wrapped it.
(don't forget to put the shrink wrap on first before
soldering, and move it far enough away to avoid
heating.)

Tim
KA2PKH

[Non-text portions of this message have been removed]

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# 13948. Recommended Reading for mobile installs

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 04:09:16 UTC
From: pjkl3
Topic: 13948  Message: 13948

How helpful are the two ARRL publications:

"Your Mobile Companion" and
"ARRL RFI Book"

If these are "must haves" or "nice to haves" or "There's a better source elsewhere" I'd be curious feedback from this highly knowledgeable group.

Thanks,
KG6DHE PJK

# 13949. Protecting the FT-100 from starter transients

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 04:19:54 UTC
From: pjkl3
Topic: 13949  Message: 13949

Snippets of this topic have been discussed here in the past. From what I can remember, these are the recommendations:

1) Pi Filter in the power lines. Anybody done a work-up on what values to use?
2) 15v MOV (Transorb) in parallel with the power lines. Anybody have a part number/source?
3) LF-100 series inductor from Powerex.

Any other suggestions? I've been religous about turning off the FT-100 before starting the car, but I don't want to depend on just habit.

thanks,
KG6DHE PJK

# 13950. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 06:36:26 UTC
From: Tim
Topic: 13944  Message: 13950

Jim Lasswell wrote:

> Tim. Where can I get one of those antenna's. Did you say that the
> gov.
> surplus stores might handle them. I have an inverted V that works
> great "
> home made" but that one you are referring to sounds good. If you know
> where
> I might get in touch with one of those things, let me know please.
> Thanks
> and 73 de AD6DW Jim

From them:

> B&W 1.8 - 30MHz Folded dipole.
> http://www.bwantennas.com/eng/fdipole.eng.htm

-or-
Available at most suppliers.
HRO
Lentini
AES

...etc.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13951. Re: What's the green wire for, anyone?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 06:44:15 UTC
From: Tim
Topic: 13951  Message: 13951

"Richard W. Solomon" wrote:

> The Green Wire must be an "upgrade" in the FT100D,
> I did not need to do that in my FT-100 (actually did it
> on two FT-100's).
>
> 73, Dick, W1KSZ
>

I suspect it's a mod of some sort.
It sure looks the part. Not like
all the other connections, just
strung across compartments. It's
just a piece of hookup wire really.

Anyone have any ideas what it's
there for?

Tim
-From NY-

[Non-text portions of this message have been removed]

# 13952. Re: [FT100] Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 10:13:12 UTC
From: Bob Burns K4RXR
Topic: 13897  Message: 13952

At 08:49 PM 5/5/02, Pres Waterman wrote:
>This is why I urge every ham to get an audience with their local field
>engineer. If we ALL gang up on them and waste enough of their time they may,
>just may, get a hint at the factory that this is unacceptable.

In a previous life, I used to be a frequent user of a repeater on 147.015MHz. The squelch on every radio I used would open occasionally while sitting in traffic. Invariably, I'd look at the cars around me and identify a late model Chrysler product ahead of me, behind me, or in an adjacent lane. As soon as I got away from the suspect Mopar, the squelch would close.

For three years straight, I stopped by the Chrysler booth at the Dayton Hamvention and filled out their survey indicating that I had a problem with their vehicles emitting interference on that frequency. I never expected a response...and I never got one. Maybe they incorporated a fix on newer models.

Bob...

# 13953. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 11:09:23 UTC
From: Norm, W3IZ
Topic: 13943  Message: 13953

A beam for 80 meters?
(heh)

They have one at A61AJ.

Why not put up the
B&W 1.8 - 30MHz Folded dipole?

Now there is a hunk of crap compromise antenna.

[Non-text portions of this message have been removed]

# 13954. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 11:43:25 UTC
From: john BUNKER
Topic: 13943  Message: 13954

I had one of those its a Dummy Load up in the air.

----- Original Message -----
From: Norm, W3IZ
Sent: Monday, May 06, 2002 6:14 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

A beam for 80 meters?
(heh)

They have one at A61AJ.

Why not put up the
B&W 1.8 - 30MHz Folded dipole?

Now there is a hunk of crap compromise antenna.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 13955. Automobile EMC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 13:34:59 UTC
From: lhlousek
Topic: 13955  Message: 13955

Hi Dave,

You may not think it is the car manufacturers responsponsibiliy to reduce or eliminate RFI but some manufacturers do
feel it is their responsibility. Here's the link to Fo Mo Co's statement on the subject.

http://www.fordemc.com/

I agree that crying to the manufacturer probably won't accomplish much in the near term but maybe if they get enough
complaints maybe they will give it more consideration in future products.

Lou W7DZN

# 13956. Re: Braid vs strap impedance

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 13:41:11 UTC
From: lhlousek
Topic: 13886  Message: 13956

Hi Tim;

Funny you should say I could just go to Polyphaser.com. Polyphasor are about 30 miles down the road from me and I
interviewed for a job there a few years ago. (it wasn't a good fit). I am well familiar with their website. However, my
question was who posted the braid vs strap measurements on the FT100 list and what where those measurements. Do you
happen you happen to know?

Lou W7DZN

# 13957. Re: [FT100] Re: RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 13:45:29 UTC
From: kevin asato
Topic: 13914  Message: 13957

network cable could be used. 500' rolls are available
at Home Depot. 8 conductors (twisted pair), solid.

kevin
KC6POB

--- Tim <tmaxwell@...> wrote:
>
> Dick Thompson wrote:
>
> > John, only one problem with the way you did it.
> Radio Shark doesn't
> > sell 5 conductor rotor cable anymore. I think 3
> is all you can get.
> > I got the last 2 100' coils of 5 conductor that
> existed in Colorado
> > Springs. Paid $3 each for them, so it was a great
> bargain. Had I
> > been able to mount my 4BTV on the roof I would
> have done exactly as
> > you suggested.
> >
>
> One other problem, minor
> though. The rotor cable
> deteriorates after a few years
> from the sun/weathering. The
> covering will flake off.
> It's mostly an esthetic thing.
> ;-)
>
> If you use copperweld
> it won't.
>
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

---
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# 13958. Re: Toyota Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:05:05 UTC
From: w1pa
Topic: 13897  Message: 13958

> In a previous life, I used to be a frequent user of a repeater on
> 147.015MHz. The squelch on every radio I used would open
occasionally while
> sitting in traffic. Invariably, I'd look at the cars around me and
identify
> a late model Chrysler product ahead of me, behind me, or in an
adjacent
> lane. As soon as I got away from the suspect Mopar, the squelch
would close.
>

Start looking for hybrids now when that happens. I passed a Honda hybrid on the highway, and you won't believe the hash that car puts out on HF...

Bill
W1PA

# 13959. Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:08:20 UTC
From: w1pa
Topic: 13943  Message: 13959

--- In FT100@y..., "john BUNKER" <bunkerj@m...> wrote:
> I had one of those its a Dummy Load up in the air.
>
> ----- Original Message -----
> From: Norm, W3IZ
> Sent: Monday, May 06, 2002 6:14 AM
> To: FT100@y...
> Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
>
> A beam for 80 meters?
> (heh)
>
> They have one at A61AJ.
>
> Why not put up the
> B&W 1.8 - 30MHz Folded dipole?
>
> Now there is a hunk of crap compromise antenna.

Isn't that barrel on one side of it a big terminating resistor?
I'd take a vertical any day.

Bill
W1PA

# 13960. Re: [FT100] Automobile EMC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:10:19 UTC
From: Dick Thompson
Topic: 13955  Message: 13960

Thanks, Lou. Some good information at the site you mentioned. I downloaded a pdf file regarding mobile installations. Everyone should go have a look.

73,

Dick
WB0DUL@...

----- Original Message -----
From: "lhlousek" <lhlousek@...>
To: <DaveAdams@...>; <FT100@yahoogroups.com>
Sent: Monday, May 06, 2002 7:34 AM
Subject: [FT100] Automobile EMC

> Hi Dave,
>
> You may not think it is the car manufacturers responsponsibiliy to reduce or eliminate RFI but some manufacturers do
> feel it is their responsibility. Here's the link to Fo Mo Co's statement on the subject.
>
> http://www.fordemc.com/
>
> I agree that crying to the manufacturer probably won't accomplish much in the near term but maybe if they get enough
> complaints maybe they will give it more consideration in future products.
>
> Lou W7DZN
>
>
>
>
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>
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>
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>
>

# 13961. Re: [FT100] Re: RE Husler 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:14:34 UTC
From: Dick Thompson
Topic: 13914  Message: 13961

It's amazing some of the stuff that Home depot sells. In some respects it might be a ham's dream. I bought an 8' copper clad ground rod from the for about $8. Radio Shark wanted $20.

73,

Dick
WB0DUL@...
----- Original Message -----
From: kevin asato
To: FT100@yahoogroups.com
Sent: Monday, May 06, 2002 7:45 AM
Subject: Re: [FT100] Re: RE Husler 6-BTV

network cable could be used. 500' rolls are available
at Home Depot. 8 conductors (twisted pair), solid.

kevin
KC6POB

--- Tim <tmaxwell@...> wrote:
>
> Dick Thompson wrote:
>
> > John, only one problem with the way you did it.
> Radio Shark doesn't
> > sell 5 conductor rotor cable anymore. I think 3
> is all you can get.
> > I got the last 2 100' coils of 5 conductor that
> existed in Colorado
> > Springs. Paid $3 each for them, so it was a great
> bargain. Had I
> > been able to mount my 4BTV on the roof I would
> have done exactly as
> > you suggested.
> >
>
> One other problem, minor
> though. The rotor cable
> deteriorates after a few years
> from the sun/weathering. The
> covering will flake off.
> It's mostly an esthetic thing.
> ;-)
>
> If you use copperweld
> it won't.

>
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 13962. Re: [FT100] Automobile EMC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:14:27 UTC
From: Einar Carlsen
Topic: 13955  Message: 13962

I just checked the site mentioned, it really contains a lot of good information and tips including a recommended method for installing your rig.
A lot of good tips included in the PDF Installation Guide.
VE7BAQ

----- Original Message -----
From: "lhlousek" <lhlousek@...>
To: <DaveAdams@...>; <FT100@yahoogroups.com>
Sent: Monday, May 06, 2002 6:34 AM
Subject: [FT100] Automobile EMC

> Hi Dave,
>
> You may not think it is the car manufacturers responsponsibiliy to reduce or eliminate RFI but some manufacturers do
> feel it is their responsibility. Here's the link to Fo Mo Co's statement on the subject.
>
> http://www.fordemc.com/
>
> I agree that crying to the manufacturer probably won't accomplish much in the near term but maybe if they get enough
> complaints maybe they will give it more consideration in future products.
>
> Lou W7DZN
>
>
>
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>
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>

# 13963. Re: [FT100] Automobile EMC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 14:30:46 UTC
From: Pres Waterman
Topic: 13955  Message: 13963

> I just checked the site mentioned, it really contains a lot of good
> information and tips including a recommended method for installing your
rig.
> A lot of good tips included in the PDF Installation Guide.

I am eagerly reviewing the site, and a hearty Thank You goes to Lou for finding it.

But before everyone gets all damp remember that the site and its information within are mostly geared for how to prevent YOUR radio transmitter from damaging or disrupting THEIR vehicles. Again, I am posting this very early, but do not be disappointed if there is a lack of solutions or even acknowledgement about THEIR generation of RF disrupting the receivers installed in the vehicles.

My, oh my, would I love to be wrong on this!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 13964. Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 12:01:43 UTC
From: Wayne Blanton
Topic: 13964  Message: 13964

The thing about verticals is that they operate equally poorly in all directions. I have used many and that has been my experience. I now have a Butternut 80/40 ground mounted that I put up to work low angle DX but my Carolina Windom consistently works better, I will be selling the vertical at the next hamfest.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

# 13965. Re: [FT100] Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 15:33:19 UTC
From: Norm, W3IZ
Topic: 13964  Message: 13965

All things being done right, I find that difficult to believe. What kind of radial sysyem are you using with HF2V? Where is DX for you? From NM the Vertical may be too low of an angle for EU. Check out "Low Band DXing" by ON4UN
73,
Norm, W3IZ
----- Original Message -----
From: Wayne Blanton
To: FT100@yahoogroups.com
Sent: Monday, May 06, 2002 8:01 AM
Subject: [FT100] Verticals

The thing about verticals is that they operate equally poorly in all directions. I have used many and that has been my experience. I now have a Butternut 80/40 ground mounted that I put up to work low angle DX but my Carolina Windom consistently works better, I will be selling the vertical at the next hamfest.
Wayne K5ONE (NM)

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# 13966. RE: [FT100] Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 16:14:54 UTC
From: Cliff Bryant
Topic: 13964  Message: 13966

Wayne

I know a number of stations who have had great success on the lower bands with verticals but they also have very good ground systems. A typical broadcast station uses 120 radials, one every three degrees.

I'd be interested in knowing your ground system.

73 Cliff

-----Original Message-----
From: Wayne Blanton [mailto:k5one@...]
Sent: 06 May 2002 13:02
To: FT100@yahoogroups.com
Subject: [FT100] Verticals

The thing about verticals is that they operate equally poorly in all directions. I have used many and that has been my experience. I now have a Butternut 80/40 ground mounted that I put up to work low angle DX but my Carolina Windom consistently works better, I will be selling the vertical at the next hamfest.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

# 13967. Re: Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 16:31:18 UTC
From: w1pa
Topic: 13964  Message: 13967

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
> Wayne
>
> I know a number of stations who have had great success on the lower
> bands with verticals but they also have very good ground systems. A
> typical broadcast station uses 120 radials, one every three degrees.
>
> I'd be interested in knowing your ground system.
>
> 73 Cliff

...and without taking us too far down a rathole, comparing verticals that require a ground plane (like the Butternut) versus those that don't (like the R6/7/8, Gap Titan, Force12). I have had much better performance (even at QRP levels) with those that don't.

Bill
W1PA

# 13968. AW: [FT100] Re: NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 18:56:47 UTC
From: 35IR184/35SD184/35LD184
Topic: 13791  Message: 13968

Hi!
Got some good reports today on the 10m band

So I think it is not necessary to do the Mic mod..
BTW it is the MH-42b model

73´s OE5CSP

-----Ursprüngliche Nachricht-----
Von: ft100guy [mailto:ss409ss@...]
Gesendet: Freitag, 3. Mai 2002 15:20
An: FT100@yahoogroups.com
Betreff: [FT100] Re: NEW TO THE FORUM

>
> BTW do you know if I have to modify my microphone, I have the
standard
> model without the DTMF on it... (read something about mic mods few
days
> ago on this forum here!!)
>
> Should collect some more reports before I do anything to this cute
> little rig... :-)))
>
> 73´s from austria
>

Get a few audio reports first, I dont know if the euro mics have
the same trouble (Euro owners chime in now!). You can always order a
USA version mic and perform the mods to it if you are not happy with
the NON-DTMF euro mic or try modding the existing mic.. Regards..
Richy

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[Non-text portions of this message have been removed]

# 13969. AW: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 19:02:13 UTC
From: 35IR184/35SD184/35LD184
Topic: 13791  Message: 13969

Hi Dick!
Sorry for late answer !! i was busy in the job

I was completely wrong, I mixed up the serial nr.. It starts with 1N so
I think this unit must be produced in November 2001???
The box has a green dot on it I don□t know what this means, but I can
only tell you that the fans are running constantly.. so I think yaesu
has done already the fan mod

I have a MH-42b microphone and It works great. Got some real good
reports today on 10m

73´s OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Mittwoch, 1. Mai 2002 20:53
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Welcome to the forum, Chris. Nice to have you aboard. Your manufacture
date is the newest I've seen on here. The serial number must start with
2C. Right?

I don't know whether anyone can really say for sure if the mods have
been done on your new 100D. Do the fans run continually on VHF/UHF like
they do on HF (when receiving)? If they do, then at least the fan mod
has been done on yours. Also, mention has been made of a Blue dot on
the label or box. Do you see anything like that?

Let us know.

73,

Dick
WB0DUL@arrl.net
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Wednesday, May 01, 2002 4:13 AM
Subject: [FT100] NEW TO THE FORUM

Just to say hello from Austria to all members connected to this fine
forum...

I joined a few days ago, when I received my FT100D from the german
dealer....

Took me 8!!! Weeks to wait for it...But I am happy to have a unit of
the
latest production series... The serial nr. Production date January
2002!!!
So I guess all the mods have been done??!! Anybody who can confirm
this??

Anyway it's a great little rig, and I really like it much even if I am
only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the
FT100... I had to decide between IC706MKIIG and FT100D... Finally I
think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO
kangaroos.... )

Chris
OE5CSP

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[Non-text portions of this message have been removed]

# 13970. Low output on SSB....??!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 19:28:36 UTC
From: 35IR184/35SD184/35LD184
Topic: 13970  Message: 13970

Can anyone give me some hints how to increase the output power on my FT100D to exactly 100W????
I figured out on 10m that the output is only about 70W Talkpower on my MFJ-Wattmeter...(not when whistling! Or on FM!)
Although I have set up everything (proc, Micgain, output power...) and the SWR is adjusted properly on the ant....

Any ideas would be welcome!!

73´s Chris OE5CSP

# 13971. Re: Low output on SSB....??!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 20:27:12 UTC
From: backhoefade
Topic: 13970  Message: 13971

There are several output power controls within the secondary "F" menu; separate controls for HF, 6 meters, VHF and UHF. Let's talk about HF. First go to menu item 21 and set it to 100. Then access the "F" menu by shutting off the rig and then holding in buttons A, B and C while turning on the rig. After powering up like that, go into the function menu and scroll past the last item (somewhere in the 60's). Now you'll find yourself in the "F" functions. For setting the HF power you use F15. I don't recommend doing this unless you have an accurate power meter and you should only adjust this using a dummy load. That's your safest bet since the rig will start folding its output power back when the SWR is around 2 to 1 and that could mislead you. You set F15 in the CW mode for 100 Watts average output power. When you switch over to SSB you will have 100 Watts PEP output. Just remember to always set F15 in the CW mode with a dead key carrier.

If you're planning to run AM you will want to set menu item 21 to "100" and then go into the F functions and set F51 (that's fifty one) to the point where the un-modulated output power is precisely 25 Watts. First set your mic gain to 17 or, if you want to use the processor, set the level "within" the PRO control also to 17. Contrary to the description in the User's Manual, you cannot adjust the compression percentage. I confirmed this with an oscilloscope. The setting "within" the PRO button is simply an alternate MIC gain control which over-rides the standard MIC gain setting whenever you use the PROcessor. You can convince yourself of that by turning on the PRO and then turning the MIC gain all the way to zero. Then prove to yourself that the output power varies only as a function of the setting of the level control within the PRO button.

Don't bother trying to run AM until you install the 6 kHz filter. You need it to have proper AM operation since the rig will attempt to use the 2.4 kHz SSB in the absence of the 6 kHz filter, and that will attenuate one of the AM sidebands and also suppress the carrier power output leading to terrible sounding modulation. Once you get that filter in there and set it up right though, you will receive very good audio reports. Good luck.
N6AF Chas

--- In FT100@y..., "35IR184/35SD184/35LD184" <35AT184@u...> wrote:
> Can anyone give me some hints how to increase the output power on my
> FT100D to exactly 100W????
> I figured out on 10m that the output is only about 70W Talkpower on
my
> MFJ-Wattmeter...(not when whistling! Or on FM!)
> Although I have set up everything (proc, Micgain, output power...)

and
> the SWR is adjusted properly on the ant....
>
> Any ideas would be welcome!!
>
> 73´s Chris OE5CSP

# 13972. RE: [FT100] Re: Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 13:20:39 UTC
From: VA3FD
Topic: 13964  Message: 13972

I agree with Bill. I had a GAP (which I unfortunately sold) and now have a
Cushcraft R7000. There is really no comparison.
My GAP worked great on the low bands. My Cushcraft... well, let's say "so-so".
Of course, the GAP required rope guying (you can do w/o it IF you live in a
"non-windy area", but do you know of any in North America?) and the R7000 doesn't. So it's a compromise, like many antennas are.

Fred VA3FD / KC2JMG

-----Original Message-----
From: w1pa [mailto:w1pa@...]
Sent: Monday, May 06, 2002 12:31 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Verticals

--- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
> Wayne
>
> I know a number of stations who have had great success on the lower
> bands with verticals but they also have very good ground systems. A
> typical broadcast station uses 120 radials, one every three degrees.
>
> I'd be interested in knowing your ground system.
>
> 73 Cliff

...and without taking us too far down a rathole, comparing verticals that require a ground plane (like the Butternut) versus those that don't (like the R6/7/8, Gap Titan, Force12). I have had much better performance (even at QRP levels) with those that don't.

Bill
W1PA

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# 13973. Re: Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 21:57:35 UTC
From: backhoefade
Topic: 13964  Message: 13973

One of the best antennas I've ever used on 40 meters was a full wave loop. It was 148 feet of wire in a rectangular outline. The plane of the thing was vertical and the broadsides faced pretty much East / West. Based in the SF area, that antenna pulled in the East coast and Japan incredibly well. I was running QRP with a couple Watts and so of course the antenna was very critical. I received multiple S9 reports with my two Watts both on the East coast and in Japan. The best bet would be a 3 element Yagi up 105 feet or so. But in my case I would have to negotiate for land with at least one of my neighbors with a beam like that (not to mention the XYL). So the full wave loop offered a couple dB of gain over a dipole. It sure seemed like more than a couple dB though. That antenna was amazing.

N6AF Chas

--- In FT100@y..., "VA3FD" <va3fd@r...> wrote:
> I agree with Bill. I had a GAP (which I unfortunately sold) and now
> have a
> Cushcraft R7000. There is really no comparison.
> My GAP worked great on the low bands. My Cushcraft... well, let's
say
> "so-so".
> Of course, the GAP required rope guying (you can do w/o it IF you
live
> in a
> "non-windy area", but do you know of any in North America?) and the
> R7000 doesn't. So it's a compromise, like many antennas are.
>
> Fred VA3FD / KC2JMG
>
>
> -----Original Message-----
> From: w1pa [mailto:w1pa@h...]
> Sent: Monday, May 06, 2002 12:31 PM
> To: FT100@y...
> Subject: [FT100] Re: Verticals
>
>
> --- In FT100@y..., "Cliff Bryant" <CliffB@n...> wrote:
> > Wayne
> >
> > I know a number of stations who have had great success on the
lower
> > bands with verticals but they also have very good ground systems.
A

> > typical broadcast station uses 120 radials, one every three
degrees.
> >
> > I'd be interested in knowing your ground system.
> >
> > 73 Cliff
>
>
> ...and without taking us too far down a rathole, comparing
verticals
> that require a ground plane (like the Butternut) versus those that
> don't (like the R6/7/8, Gap Titan, Force12). I have had much better
> performance (even at QRP levels) with those that don't.
>
> Bill
> W1PA
>
>
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>
>
>

> [Non-text portions of this message have been removed]

# 13974. Re: Low output on SSB....??!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 00:01:04 UTC
From: Bob Evans
Topic: 13970  Message: 13974

Chris,

Hold on a second partner, don't change a thing!! You implied that you get 100W out when whistling or on FM. Well, guess what, that means your rig is putting out 100W "exactly". The reason your meter is showing 70W is because of the meter; I'll bet it is not a peak reading meter. If you jack up the power level any further than it already is, you run a greater probability of burning up your finals no matter how many fan mods you do. I'd just leave the FT-100 alone and get a new wattmeter with a peak reading feature.

Good luck,
Bob K5WA

>>>>>
Message: 3
Date: Mon, 6 May 2002 21:28:36 +0200
From: "35IR184/35SD184/35LD184" <35AT184@...>
Subject: Low output on SSB....??!!

Can anyone give me some hints how to increase the output power on my FT100D to exactly 100W????
I figured out on 10m that the output is only about 70W Talkpower on my MFJ-Wattmeter...(not when whistling! Or on FM!)
Although I have set up everything (proc, Micgain, output power...) and the SWR is adjusted properly on the ant....

Any ideas would be welcome!!

73?s Chris OE5CSP

# 13975. Re: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 00:56:32 UTC
From: Dick Thompson
Topic: 13791  Message: 13975

Hi Chris,

If your serial number starts with 1N, then the radio was manufactured in December 2001. Yaesu starts with a C for January. So N would be December. That's the latest one I've heard about. It sounds like the fan mod at least has been done. That's a good deal.

I'm not sure how you tell if the SWR mod has been done. Someone said a blue dot (or green) on the box indicated the mod(s) had been made to the radio.

As for the power output, check it in CW mode. Don't count on a full 100 watts in all modes.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: FT100@yahoogroups.com
Sent: Monday, May 06, 2002 1:02 PM
Subject: AW: [FT100] NEW TO THE FORUM

Hi Dick!
Sorry for late answer !! i was busy in the job.

I was completely wrong, I mixed up the serial nr.. It starts with 1N so I think this unit must be produced in November 2001???
The box has a green dot on it. I don't know what this means, but I can only tell you that the fans are running constantly.. so I think yaesu has done already the fan mod.

I have a MH-42b microphone and It works great. Got some real good reports today on 10m

73´s OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Mittwoch, 1. Mai 2002 20:53
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Welcome to the forum, Chris. Nice to have you aboard. Your manufacture date is the newest I've seen on here. The serial number must start with 2C. Right?

I don't know whether anyone can really say for sure if the mods have been done on your new 100D. Do the fans run continually on VHF/UHF like they do on HF (when receiving)? If they do, then at least the fan mod

has been done on yours. Also, mention has been made of a Blue dot on the label or box. Do you see anything like that?

Let us know.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Wednesday, May 01, 2002 4:13 AM
Subject: [FT100] NEW TO THE FORUM

Just to say hello from Austria to all members connected to this fine forum...

I joined a few days ago, when I received my FT100D from the german dealer....
Took me 8!!! Weeks to wait for it...But I am happy to have a unit of the
latest production series... The serial nr. Production date January 2002!!!
So I guess all the mods have been done??!! Anybody who can confirm this??

Anyway it's a great little rig, and I really like it much even if I am only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the FT100... I had to decide between IC706MKIIG and FT100D... Finally I think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO kangaroos.... )

Chris
OE5CSP

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[Non-text portions of this message have been removed]

# 13976. new mobile picture add

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 04:34:24 UTC
From: miguelier
Topic: 13976  Message: 13976

I invite them to that see my mobil station with ATAS 100

In the pictures album section (YY5OGU mobile)

Bye.

Miguel Gonzalez
yy5ogu@...
Caracas Venezuela
http://www.yy5ogu.com

# 13977. Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 04:49:09 UTC
From: Tim
Topic: 13943  Message: 13977

"Norm, W3IZ" wrote:

> Why not put up the
> B&W 1.8 - 30MHz Folded dipole?
>
> Now there is a hunk of crap compromise antenna.
>

Oh sure, anything not a multi element
Yagi is crap eh?

Bluntly, the antenna does exactly what it says it does.
It is easy to put up, take down, and mount in many
configurations. It handles full legal power, and for
those in the military, lots more power, as necessary.

My own tests confirm the wide coverage, with actual
gain on the upper bands. For what it does, it works
just fine.

It will also survive conditions that would take out most
other verticals, or beams.

Hardly an antenna design deserving of such an
inaccurate, un-usefull term like "crap".

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13978. Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 04:53:26 UTC
From: Tim
Topic: 13943  Message: 13978

john BUNKER wrote:

> I had one of those its a Dummy Load up in the air.

Right. It actually absorbs ALL the
radiating power of your transmitter?

If you really have nothing useful,
descriptive, or even remotely
helpful, such as good, or bad
points...

Why pester us with comments like
this at all?

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13979. Re: 6-BTV

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 16:04:01 UTC
From: morganquityesterday
Topic: 13887  Message: 13979

A long time ago, in a state far, far away, I had a vertical in the front yard of my parent's home.

My dad came up with an idea for burying the radials: Use a small hatchet to make a slit in the sod and use a wooden dowel into which you have cut a "V" shape in one end to push the radial into the slit. This gets the wire below ground so there are no worries about anyone tripping over them or winding them around the lawn mower.

The antenna has long since come down and the house sold, but I bet those radials are still there!

May the Force be with you,

Turner - WA4MQY
"I was first licensed as an amateur radio operator in 1963. That gives me the right to say megaCYCLE, if I want to!"

# 13980. RE: [FT100] Re: What's the green wire for, anyone?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 22:12:26 UTC
From: Richard W. Solomon
Topic: 13951  Message: 13980

What I meant was that the Green Wire was not interfering with the
filter installation. The interference must be new.

73, Dick, W1KSZ

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: Monday, May 06, 2002 2:44 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: What's the green wire for, anyone?

"Richard W. Solomon" wrote:

> The Green Wire must be an "upgrade" in the FT100D,
> I did not need to do that in my FT-100 (actually did it
> on two FT-100's).
>
> 73, Dick, W1KSZ
>

I suspect it's a mod of some sort.
It sure looks the part. Not like
all the other connections, just
strung across compartments. It's
just a piece of hookup wire really.

Anyone have any ideas what it's
there for?

Tim
-From NY-

[Non-text portions of this message have been removed]

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# 13981. Re: [FT100] Verticals

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-06 20:50:24 UTC
From: Paul Manuel
Topic: 13964  Message: 13981

> The thing about verticals is that they operate equally poorly in all
> directions. I have used many and that has been my experience. I now
> have a Butternut 80/40 ground mounted that I put up to work low angle DX
> but my Carolina Windom consistently works better, I will be selling the
> vertical at the next hamfest.

I don't know specifically about the Butternut, but my old Cush-Craft trap vertical and a homebrew wire vertical I made worked MUCH MUCH better when elevated with 4 elevated radials per band. Some signals are stronger on my Zepp, but 75% of the DX is stronger on the vertical.

73,
Paul K4PDM

---
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http://health.yahoo.com

# 13982. Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 05:14:39 UTC
From: Tim
Topic: 13943  Message: 13982

w1pa wrote:

> Isn't that barrel on one side of it a big terminating resistor?
> I'd take a vertical any day.
>
> Bill
> W1PA
>

Yes, but its location at the ends of each
leg, joining them is not where the current
is flowing. There are two "barrels", one
of which is a 4 to1 ballun. This of course
is where you attach the coax. It also why
the antenna radiates equally (Balanced).
The other "barrel," the horizontal one,
does contain a resistor, however it is used
to join the ends loop style. It contributes to
the wide frequency coverage, and does not
absorb transmitter energy enough to really
matter.

As to that vertical, unless you have a tuned
radial, or multiple radiator, you won't be
using much of your transmitters power
effectively...
then of course there is your bandwidth.

I suppose you could put up a 45 foot
vertical, with a tuned 45 foot radial, on a
90 foot long pole, with a decent tuner to
maintain a decent match. Of course the
tuner would require power, and a
weatherproof enclosure, and I am sure
those memory equipped, auto tuning
units like SGC cost quite a bit...
probably twice what a B&W costs.

You could do that...
but I wouldn't.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 13983. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 12:03:52 UTC
From: Norm, W3IZ
Topic: 13943  Message: 13983

Tim,
Don't get your feathers in an ruffle. The B & W dipole has a big terminating resistor at the top of the dipole making it a 50 ohm resistive load which is what a dummy load is. That is why you get wide bandwidth SWR. So John's comments are descriptive and truthful.
If you understand the fundamentals of antennas you would know that a dipole cannot cover the entire HF band with a flat SWR. And if the military wants to run more power then they put in a larger resistor. Most of the power is being spent as **heat**. Try this experiment, load your 100 watt xmtr into a cantenna or other dummy load outside and have a friend listen for your signal. Or if you have a MFJ antenna analizer put a small sniffer antenna wire on it and put it in freq counter mode and you will see that your signal will still radiate from the DL. Now put 100 feet of wire on the hot side of the DL and you just gave the little RF that is not heat energy a "springboard".
Use the formula for quality factor, "Q" and youcan see that ANY LC circuit with a wide bandwidth is low Q.
Q = Fr / BW
Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
Seventy or point one three. Obviously the wide bandwidth is the low Q. Does it work? Jed Clampet's truck worked but not efficiently.
I will ammend my comment and say The B & W design is a very inefficient method of radiating RF.

73,
Norm, W3IZ

[Non-text portions of this message have been removed]

# 13984. RE: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 13:59:59 UTC
From: Cliff Bryant
Topic: 13943  Message: 13984

... and people pay money for aerials like this? Amazing! Can I sell you
a light bulb with a piece of wire at the end? :-)

Seriously though the message here is exactly as you wrote :

"If you understand the fundamentals of antennas you would know that a
dipole cannot cover the entire HF band with a flat SWR."

There ain't no such animal unfortunately although a log periodic has
made some inroads to this.

Cliff, G4PZK

Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Tim,
Don't get your feathers in an ruffle. The B & W dipole has a big
terminating resistor at the top of the dipole making it a 50 ohm
resistive load which is what a dummy load is. That is why you get wide
bandwidth SWR. So John's comments are descriptive and truthful.
If you understand the fundamentals of antennas you would know that a
dipole cannot cover the entire HF band with a flat SWR. And if the
military wants to run more power then they put in a larger resistor.
Most of the power is being spent as **heat**. Try this experiment, load
your 100 watt xmtr into a cantenna or other dummy load outside and have
a friend listen for your signal. Or if you have a MFJ antenna analizer
put a small sniffer antenna wire on it and put it in freq counter mode
and you will see that your signal will still radiate from the DL. Now
put 100 feet of wire on the hot side of the DL and you just gave the
little RF that is not heat energy a "springboard".
Use the formula for quality factor, "Q" and youcan see that ANY LC
circuit with a wide bandwidth is low Q.
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Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR
bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if
you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of
26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
Seventy or point one three. Obviously the wide bandwidth is the low Q.
Does it work? Jed Clampet's truck worked but not efficiently.
I will ammend my comment and say The B & W design is a very inefficient
method of radiating RF.

73,
Norm, W3IZ

<snip>

[Non-text portions of this message have been removed]

# 13985. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 14:05:21 UTC
From: David Kiwerski, Senior Comm. Tech. OCSD
Topic: 13943  Message: 13985

I thought that this was an FT100 group? NOT an antenna discussion group?

Dave WP2AAT

"Norm, W3IZ" wrote:

> Tim,
> Don't get your feathers in an ruffle. The B & W dipole has a big terminating resistor at the top of the dipole making it a 50 ohm resistive load which is what a dummy load is. That is why you get wide bandwidth SWR. So John's comments are descriptive and truthful.
> If you understand the fundamentals of antennas you would know that a dipole cannot cover the entire HF band with a flat SWR. And if the military wants to run more power then they put in a larger resistor. Most of the power is being spent as **heat**. Try this experiment, load your 100 watt xmtr into a cantenna or other dummy load outside and have a friend listen for your signal. Or if you have a MFJ antenna analizer put a small sniffer antenna wire on it and put it in freq counter mode and you will see that your signal will still radiate from the DL. Now put 100 feet of wire on the hot side of the DL and you just gave the little RF that is not heat energy a "springboard".
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> I will ammend my comment and say The B & W design is a very inefficient method of radiating RF.
>
> 73,
> Norm, W3IZ
>
> [Non-text portions of this message have been removed]
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# 13986. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 14:16:16 UTC
From: Norm, W3IZ
Topic: 13943  Message: 13986

And what do you put at the end of the FT-100? The antenna is the most important part of the station.
Norm, W3IZ
----- Original Message -----

I thought that this was an FT100 group? NOT an antenna discussion group?

Dave WP2AAT

[Non-text portions of this message have been removed]

# 13987. RE: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 14:56:41 UTC
From: Cliff Bryant
Topic: 13943  Message: 13987

It is, but trust me, the FT100 is no fun without a proper aerial.

Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

I thought that this was an FT100 group? NOT an antenna discussion group?

Dave WP2AAT

"Norm, W3IZ" wrote:

> Tim,
> Don't get your feathers in an ruffle. The B & W dipole has a big terminating resistor at the top of the dipole making it a 50 ohm resistive load which is what a dummy load is. That is why you get wide bandwidth SWR. So John's comments are descriptive and truthful.
> If you understand the fundamentals of antennas you would know that a dipole cannot cover the entire HF band with a flat SWR. And if the military wants to run more power then they put in a larger resistor. Most of the power is being spent as **heat**. Try this experiment, load your 100 watt xmtr into a cantenna or other dummy load outside and have a friend listen for your signal. Or if you have a MFJ antenna analizer put a small sniffer antenna wire on it and put it in freq counter mode and you will see that your signal will still radiate from the DL. Now put 100 feet of wire on the hot side of the DL and you just gave the little RF that is not heat energy a "springboard".
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> Seventy or point one three. Obviously the wide bandwidth is the low Q. Does it work? Jed Clampet's truck worked but not efficiently.
> I will ammend my comment and say The B & W design is a very inefficient method of radiating RF.
>
> 73,
> Norm, W3IZ
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 13988. how i get fm mode to work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 19:05:33 UTC
From: kb9umbb
Topic: 13988  Message: 13988

I was having trouble with the fm mode. I was getting signals but no audio output. I powered down the radio in that mode then fired it back up, guess what, now have fm mode. I guess I should send it back to yaesu but I just got it. No fun buying a radio and having to send it in for repairs!
Anyone have any ideas of the cause?

# 13989. Mic Ft100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 19:24:03 UTC
From: Arie Blom j.r
Topic: 13989  Message: 13989

My microphone ,I put in the original microphone a HEIL HC5 element ! clear audio also some bass but some problems with to soft audio ! even with mic gain 100procent. I need to solve this problem . i put the heil hc 5 on the black and the yellow wire in the mike ! beatifull audio but to soft.,
And I put two other type coolfans inside(PAPS 412 E)the are less noisy ! I also took the speaker out for better airflow, and put a hifi small Keff loudpeakerbox on the audio out for beautyfull sound (listen to the hifisound on AM station on your FT100 !! Greetings Fron Arie /City Deil Holland(NL)

[Non-text portions of this message have been removed]

# 13990. AW: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:23:31 UTC
From: 35IR184/35SD184/35LD184
Topic: 13791  Message: 13990

Hi Dick!
TNX for answer and info.
I solved the problem with the low output on SSB (menue F15 is the way to go!!)

And you are absolutely right! The box of the FT had a GREEN dot on it. So you think the mods have been done lately??!

Anyway I am really happy with my new transceiver and that□s the most important thing

Greetings from Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Dienstag, 7. Mai 2002 02:57
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Hi Chris,

If your serial number starts with 1N, then the radio was manufactured in December 2001. Yaesu starts with a C for January. So N would be December. That's the latest one I've heard about. It sounds like the fan mod at least has been done. That's a good deal.

I'm not sure how you tell if the SWR mod has been done. Someone said a blue dot (or green) on the box indicated the mod(s) had been made to the radio.

As for the power output, check it in CW mode. Don't count on a full 100 watts in all modes.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: FT100@yahoogroups.com
Sent: Monday, May 06, 2002 1:02 PM
Subject: AW: [FT100] NEW TO THE FORUM

Hi Dick!
Sorry for late answer !! i was busy in the job.

I was completely wrong, I mixed up the serial nr.. It starts with 1N so

I think this unit must be produced in November 2001???
The box has a green dot on it. I don't know what this means, but I can only tell you that the fans are running constantly.. so I think yaesu has done already the fan mod.

I have a MH-42b microphone and It works great. Got some real good reports today on 10m

73´s OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Mittwoch, 1. Mai 2002 20:53
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Welcome to the forum, Chris. Nice to have you aboard. Your manufacture
date is the newest I've seen on here. The serial number must start with
2C. Right?

I don't know whether anyone can really say for sure if the mods have been done on your new 100D. Do the fans run continually on VHF/UHF like
they do on HF (when receiving)? If they do, then at least the fan mod has been done on yours. Also, mention has been made of a Blue dot on the label or box. Do you see anything like that?

Let us know.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Wednesday, May 01, 2002 4:13 AM
Subject: [FT100] NEW TO THE FORUM

Just to say hello from Austria to all members connected to this fine forum...

I joined a few days ago, when I received my FT100D from the german dealer....
Took me 8!!! Weeks to wait for it...But I am happy to have a unit of the
latest production series... The serial nr. Production date January 2002!!!
So I guess all the mods have been done??!! Anybody who can confirm this??

Anyway it's a great little rig, and I really like it much even if I
am
only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the
FT100... I had to decide between IC706MKIIG and FT100D... Finally I
think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO
kangaroos.... )

Chris
OE5CSP

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063108:HM/A=1036972/R=0/*http:/www.ediets.com/start.cfm?code=3466>
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Here!

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Post message: FT100@yahoogroups.com
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063108:HM/A=1000239/R=0/*http:/ads.x10.com/?bHlhaG9vaG0xLmRhd=1020732994
%3eM=226014.2032696.3508022.1829184/D=egroupweb/S=1705063108:HM/A=100023
9/R=1>

<http://us.adserver.yahoo.com/l?M=226014.2032696.3508022.1829184/D=egrou
pmail/S=1705063108:HM/A=1000239/rand=223461850>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 13991. AW: [FT100] Re: Low output on SSB....??!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:23:31 UTC
From: 35IR184/35SD184/35LD184
Topic: 13970  Message: 13991

Great!
I did the mod today in menue F15 and it gives now real 80 - 100W talkpower on 10m... (on the MFJ-Dummyload + vertical!!)
I am really happy now as it is a very good radio.

BIG BIG TNX for your support!!

Greetings Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: backhoefade [mailto:cgarner@...]
Gesendet: Montag, 6. Mai 2002 22:27
An: FT100@yahoogroups.com
Betreff: [FT100] Re: Low output on SSB....??!!

There are several output power controls within the secondary "F" menu; separate controls for HF, 6 meters, VHF and UHF. Let's talk about HF. First go to menu item 21 and set it to 100. Then access the "F" menu by shutting off the rig and then holding in buttons A, B and C while turning on the rig. After powering up like that, go into the function menu and scroll past the last item (somewhere in the 60's). Now you'll find yourself in the "F" functions. For setting the HF power you use F15. I don't recommend doing this unless you have an accurate power meter and you should only adjust this using a dummy load. That's your safest bet since the rig will start folding its output power back when the SWR is around 2 to 1 and that could mislead you. You set F15 in the CW mode for 100 Watts average output power. When you switch over to SSB you will have 100 Watts PEP output. Just remember to always set F15 in the CW mode with a dead key carrier.

If you're planning to run AM you will want to set menu item 21 to "100" and then go into the F functions and set F51 (that's fifty one) to the point where the un-modulated output power is precisely 25 Watts. First set your mic gain to 17 or, if you want to use the processor, set the level "within" the PRO control also to 17. Contrary to the description in the User's Manual, you cannot adjust the compression percentage. I confirmed this with an oscilloscope. The setting "within" the PRO button is simply an alternate MIC gain control which over-rides the standard MIC gain setting whenever you use the PROcessor. You can convince yourself of that by turning on the PRO and then turning the MIC gain all the way to zero. Then prove to yourself that the output power varies only as a function of the setting of the level control within the PRO button.

Don't bother trying to run AM until you install the 6 kHz filter.
You need it to have proper AM operation since the rig will attempt to
use the 2.4 kHz SSB in the absence of the 6 kHz filter, and that will
attenuate one of the AM sidebands and also suppress the carrier power
output leading to terrible sounding modulation. Once you get that
filter in there and set it up right though, you will receive very
good audio reports. Good luck.
N6AF Chas

--- In FT100@y..., "35IR184/35SD184/35LD184" <35AT184@u...> wrote:
> Can anyone give me some hints how to increase the output power on my
> FT100D to exactly 100W????
> I figured out on 10m that the output is only about 70W Talkpower on
my
> MFJ-Wattmeter...(not when whistling! Or on FM!)
> Although I have set up everything (proc, Micgain, output power...)
and
> the SWR is adjusted properly on the ant....
>
> Any ideas would be welcome!!
>
> 73´s Chris OE5CSP

Post message: FT100@yahoogroups.com
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# 13992. Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:41:41 UTC
From: NS7K
Topic: 13992  Message: 13992

I have a 1987 Ford truck and would like to know if any
one has had a ground problem with them.

Also Looking at getting a new 2002 Ford truck anyone having problems
with them using the FT 100d and ATAS 100?
NS7K

# 13993. Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:42:05 UTC
From: NS7K
Topic: 13992  Message: 13993

I have a 1987 Ford truck and would like to know if any
one has had a ground problem with them.

Also Looking at getting a new 2002 Ford truck anyone having problems
with them using the FT 100d and ATAS 100?
NS7K

# 13994. FT-100D on Jeep Wrangler with ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:59:01 UTC
From: bboerner
Topic: 13994  Message: 13994

Hello Everyone. I'm new to the group and would like to take advantage of the experience here before making what I consider to be an expensive purchase.

I just bought a 2002 Jeep Wrangler for some summer fun. I plan on commuting in this vehicle and want the added bonus of playing around on HF. I don't want to start the ICOM/YAESU war, but I have two options I'm currently looking at:

1. Yaesu FT-100D with the ATAS-100 Antenna
2. IC-706MKIIG with CB whip and ICOM Tuner.

I'm leaning towards the FT-100D as I've always like the features of the FT-1000, even though I'm an ICOM owner.

My plan is to install the antenna mounted on an aluminum pole that is attached to the spare tire mount. I'll have the antenna high enough to the base is flush with the plastic roof. I have basically no experience when it comes to mobile HF and was wondering if there are other Jeep owners out there who might lend some helpful words. Heck, even if your not a Jeep owner you probably know more than me.

I'm really hoping the ATAS-100 is as good as people say. I really like the idea of having only 1 antenna on the Jeep. I'm also not really into drilling holes in my new car and neither is my YL. She has agreed to allow at least one though. :)

Any thoughts?

Thanks,
Brian
73 de W2SUQ

# 13995. Re: [FT100] how i get fm mode to work

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 22:47:28 UTC
From: Glen Farough
Topic: 13988  Message: 13995

Hello...
Check on your function menu
56 sql/rf Determines if the control behind the
volume control is squelch or rf gain.
-Likely want this set as sql...
-Squelch control for FM mode
-Another thing to watch for is WFM for wide FM
(Broadcast radio station receive) and FM that
would be used for FM repeaters. Holding the mode
button for 1/2 sec or so will change the WFM and
FM on the display.
Don't give up on the FT-100D!
Remember packet radio? It takes a couple of months
to really know this radio well!
All the best
73 de Glen VE7LGF FT-100D/ATAS-100 Party pack!
--- kb9umbb <kb9umbb@...> wrote:
> I was having trouble with the fm mode. I was getting
> signals but no
> audio output. I powered down the radio in that mode
> then fired it back
> up, guess what, now have fm mode. I guess I should
> send it back to
> yaesu but I just got it. No fun buying a radio and
> having to send it
> in for repairs!
> Anyone have any ideas of the cause?
>
>

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# 13996. Re: [FT100] Mic Ft100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 22:52:57 UTC
From: Glen Farough
Topic: 13989  Message: 13996

Hello...
Likely an impedence mismatch trouble rather than
an audio adjustment. That FT-100D Mic is 2000 ohms
and the Heil HC5 ele will need a small transformer
to match the impedence. Radio shack has a 2000 ohm
to multiple tap transformer that will likely fit
right into the microphone case.
Bunch of Mic matching notes of been posted that
describe the impedence mismatch and sources of
transformers for different popular mic elements.
73 de Glen VE7LGF
--- "Arie Blom j.r" <944.blom@...> wrote:
> My microphone ,I put in the original microphone a
> HEIL HC5 element ! clear audio also some bass but
> some problems with to soft audio ! even with mic
> gain 100procent. I need to solve this problem . i
> put the heil hc 5 on the black and the yellow wire
> in the mike ! beatifull audio but to soft.,
> And I put two other type coolfans inside(PAPS 412
> E)the are less noisy ! I also took the speaker out
> for better airflow, and put a hifi small Keff
> loudpeakerbox on the audio out for beautyfull sound
> (listen to the hifisound on AM station on your FT100
> !! Greetings Fron Arie /City Deil Holland(NL)
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
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# 13997. Re: Mic Ft100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 23:47:07 UTC
From: backhoefade
Topic: 13989  Message: 13997

Here's a website with info about matching various mics to the FT-100D
using a simple impedance transforming mic pre-amp:
http://hometown.aol.com/ampmicro

I suspect your experiment was prompted by some marginal audio reports.
You can make your transmit audio sound great with the stock FT-100D
mic by implementing the "N2ZD mic mod". It's described here and also
at http://www.mods.dk

Wishing you the best in transmit audio. 73

N6AF Chas

--- In FT100@y..., Glen Farough <gfarough@y...> wrote:
> Hello...
> Likely an impedence mismatch trouble rather than
> an audio adjustment. That FT-100D Mic is 2000 ohms
> and the Heil HC5 ele will need a small transformer
> to match the impedence. Radio shack has a 2000 ohm
> to multiple tap transformer that will likely fit
> right into the microphone case.
> Bunch of Mic matching notes of been posted that
> describe the impedence mismatch and sources of
> transformers for different popular mic elements.
> 73 de Glen VE7LGF
> --- "Arie Blom j.r" <944.blom@c...> wrote:
> > My microphone ,I put in the original microphone a
> > HEIL HC5 element ! clear audio also some bass but
> > some problems with to soft audio ! even with mic
> > gain 100procent. I need to solve this problem . i
> > put the heil hc 5 on the black and the yellow wire
> > in the mike ! beatifull audio but to soft.,
> > And I put two other type coolfans inside(PAPS 412
> > E)the are less noisy ! I also took the speaker out
> > for better airflow, and put a hifi small Keff
> > loudpeakerbox on the audio out for beautyfull sound
> > (listen to the hifisound on AM station on your FT100
> > !! Greetings Fron Arie /City Deil Holland(NL)
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>

> _____
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> http://health.yahoo.com

# 13998. Re: Manual deficiencies

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 00:25:42 UTC
From: backhoefade
Topic: 88  Message: 13998

If you really want to get "irked" try to find info in there about AM transmit operation. They don't even make it clear that you need the 6 kHz filter for proper AM operation. In case you're interested in AM op, go to http://www.mods.dk

Chas N6AF

--- In FT100@y..., "Paul N. Lawrence" <n5tns@... wrote:
> OK, for instance:
>
> 1. In regards to the "SWR Meter". There's only a small mention of how to turn it on/off and no explanation that I find for how it
> works or what happens when SWR is too high. What is too high? On what bands does the "SWR Meter" operate?
>
> 2. The manual seems to be a detailed outline of the radio's menu structure. I've had many Yaesu radios with more detailed manuals.
> This one is barely over 100 pages (8"x5"). It barely has a Table of Contents and doesn't even have an index. I don't see how they
> kept all the details out. Where's the Yaesu beef?
>
> 3. Does the radio have a way to set the power output on "50M" without going to Menu Item 22? There's no mention of it being anywhere
> except there. The little "squiggle" guy on page 47 warns "... set the operating mode before making the power adjustment!" Irk!
> Why?
>
> I'm not criticizing the manual, I'm just asking if there is another place where I can get more explanation for some if these "irks"
> that come up while I'm setting up and learning this radio.
>
> _____
> Regards,
> Paul N. Lawrence, mailto:N5TNS@b...
> Amateur Radio Operator (Ham) "You won't see us 'til we're gone!"
>
> -----Original Message-----
> From: Richard W. Solomon [mailto:w1ksz@t...]
> Sent: Saturday, March 27, 1999 1:30 PM
> To: 'FT100@o...'
> Subject: [FT100] Re: Manual deficiencies
>
>
> From: "Richard W. Solomon" <w1ksz@t...>
>

> I am at a loss to understand what it is you want the manual to do.
> Can you be specific with a couple of instances ?
> I find the manual to be most comprehensive and clearly written (for
> once).
> 73, Dick, W1KSZ
>
> -----Original Message-----
> From: Paul N. Lawrence [SMTP:n5tns@b...]
> Sent: Friday, March 26, 1999 9:19 PM
> To: FT100
> Subject: [FT100] Manual deficiencies
> Importance: High
>
> From: "Paul N. Lawrence" <n5tns@b...>
>
> I got mine, but I'm constantly irked that the manual ALMOST
explains the functions. It gives you the choices, but doesn't give
the
> why or why not.
>
> Is there more explanation for some of these functions somewhere
else?

# 13999. Re: [FT100] FT-100D on Jeep Wrangler with ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 23:37:18 UTC
From: The Simpsons
Topic: 13994  Message: 13999

Hello Brian
I have an FT100 in my 1996 Isuzu Bighorn (Trooper I think in the USA) 3.1 litre Diesel 3 door short wheelbase. I mounted my antenna on a bracket on the spare wheel carrier on the rear door. The antenna base is at roof level so the antenna can be folded forward over the roof for garaging, low trees etc.
I modified the mount so it can't tilt backwards, a problem in strong head winds at highway speeds.
I usually have a 20 metre whip (hustler centre loaded or homemade continuously loaded whip) installed and use an SG-239 installed inside the vehicle to match it. This system has given good results on all HF bands from 3.5MHz to 30MHz. It even matches on 6 metres! Efficiency is very low on 80 metres as you would expect, but I have had contacts throughout New Zealand on this. Had a lot of success on all other bands.
The most important thing to do is ensure the antenna mount is well grounded to the bracket, to the back door and that the door is well bonded to the body. The Isuzu is an all steel bodiedc vehicle, but I had similar success with the system on my previous vehicle, a Daihatsu Rocky (Four Track I think in the USA). This had a plastic rear body similar to your Jeep (though much smaller!)
For VHF/UHF I use a dual band on glass mounted antenna. Works OK and no holes to drill.
I chose the FT100 in preference to the 706 because of the greater receive frequency coverage, and I preferred the way the cables to the remote head work. I would definitely buy another FT100 if doing it all again.
Hope this helps.

Grant, ZL2BK

----- Original Message -----
From: "bboerner" <bboerner@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, May 08, 2002 9:59 AM
Subject: [FT100] FT-100D on Jeep Wrangler with ATAS-100

> Hello Everyone. I'm new to the group and would like to take advantage
> of the experience here before making what I consider to be an
> expensive purchase.
>
> I just bought a 2002 Jeep Wrangler for some summer fun. I plan on
> commuting in this vehicle and want the added bonus of playing around
> on HF. I don't want to start the ICOM/YAESU war, but I have two
> options I'm currently looking at:
>
> 1. Yaesu FT-100D with the ATAS-100 Antenna
> 2. IC-706MKIIG with CB whip and ICOM Tuner.

>
> I'm leaning towards the FT-100D as I've always like the features of
> the FT-1000, even though I'm an ICOM owner.
>
> My plan is to install the antenna mounted on an aluminum pole that is
> attached to the spare tire mount. I'll have the antenna high enough to
> the base is flush with the plastic roof. I have basically no
> experience when it comes to mobile HF and was wondering if there are
> other Jeep owners out there who might lend some helpful words. Heck,
> even if your not a Jeep owner you probably know more than me.
>
> I'm really hoping the ATAS-100 is as good as people say. I really like
> the idea of having only 1 antenna on the Jeep. I'm also not really
> into drilling holes in my new car and neither is my YL. She has agreed
> to allow at least one though. :)
>
> Any thoughts?
>
> Thanks,
> Brian
> 73 de W2SUQ

# 14000. RE: [FT100] Digest Number 1218

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 01:30:57 UTC
From: Kevin Burkhart
Topic: 14000  Message: 14000

Message: 19
Date: Tue, 07 May 2002 21:41:41 -0000
From: "NS7K" <ns7k@...>
Subject: Ford trucks

I have a 1987 Ford truck and would like to know if any
one has had a ground problem with them.

Also Looking at getting a new 2002 Ford truck anyone having problems
with them using the FT 100d and ATAS 100?
NS7K

---

I just completed my FT100D install in my 2002 Ford Ranger x-cab (4 liter V6). Works great, all bands. I put the ATAS100 on a Firestick mount off the tailgate and a dual band Larson for 2m/440cm on the front fender opposite the car radio antenna.

I removed one of the nearly worthless jump seats behind the driver seat for the radio. I used the mounting bolts for the seat to mount the radio chassis. The control head is mounted on the center console just behind the 5 speed stick. That puts the controls right at your fingertips as you rest your arm on the console. I bought the Yaesu DC filter for the radio from Powerwerks. With that and a good ground strap on the ATAS, I get reasonably low noise from the engine. I do get some, but the NB seems to handle it good enough.

If you want to see photos, send me an email. I have to get the digicam out there and take them first!!

On another subject... Has anyone had problems with a squeaky tuning knob on the FT100D head?

# 14001. Re: [FT100] Digest Number 1218

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 01:35:10 UTC
From: Ron Murdock
Topic: 14000  Message: 14001

Greetings from Yuba City,
The B&W folded dipole is okay at the top end of 80m and up, but is a complete dummy load on 160. It easily fills with water in the two enclosed pvc assemblies, and will be unusable until it is drained and dried. My use of this antenna is limited to nice weather.
I bought it based on the ad, a very bad mistake. When I questioned the factory rep, he said it had to be mounted 80 feet in the air in free space for it to have a chance to work on 160m. 'You can't change physics', he said. Indeed. This is contrary to the instructions included with the antenna as it comes from the manufacturer. The manufacturer will tell you one thing to sell the antenna, then revert to 'how stupid can you be?' when you question actual results.
The antenna will load on 160m with an antenna tuner, but it is not a good radiator when mounted at 40 feet in most urban settings. I believe it to be a ripoff.
73, Ron, W6KJ

----- Original Message -----
From: <FT100@yahoogroups.com>
To: <FT100@yahoogroups.com>
Sent: Tuesday, May 07, 2002 5:25 PM
Subject: [FT100] Digest Number 1218

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
> ------------------------------------------------------------------------
>
> There are 25 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: Low output on SSB....??!!
> From: "Bob Evans" <bevans@...>
> 2. Re: NEW TO THE FORUM
> From: "Dick Thompson" <wb0dul@...>
> 3. new mobile picture add
> From: "miguelier" <miguelg@...>
> 4. Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: Tim <tmaxwell@...>

> 5. Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: Tim <tmaxwell@...>
> 6. Re: 6-BTV
> From: "morganquityesterday" <tmorgan7955@...>
> 7. RE: Re: What's the green wire for, anyone?
> From: "Richard W. Solomon" <w1ksz@...>
> 8. Re: Verticals
> From: Paul Manuel <k4pdm@...>
> 9. Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: Tim <tmaxwell@...>
> 10. Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: "Norm, W3IZ" <w3iz@...>
> 11. RE: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: "Cliff Bryant" <CliffB@...>
> 12. Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: "David Kiwerski, Senior Comm. Tech. OCSD Communications"
<david.kiwerski@...>
> 13. Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: "Norm, W3IZ" <w3iz@...>
> 14. RE: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> From: "Cliff Bryant" <CliffB@...>
> 15. how i get fm mode to work
> From: "kb9umbb" <kb9umbb@...>
> 16. Mic Ft100
> From: "Arie Blom j.r" <944.blom@...>
> 17. AW: NEW TO THE FORUM
> From: "35IR184/35SD184/35LD184" <35AT184@...>
> 18. AW: Re: Low output on SSB....??!!
> From: "35IR184/35SD184/35LD184" <35AT184@...>
> 19. Ford trucks
> From: "NS7K" <ns7k@...>
> 20. Ford trucks
> From: "NS7K" <ns7k@...>
> 21. FT-100D on Jeep Wrangler with ATAS-100
> From: "bboerner" <bboerner@...>
> 22. Re: how i get fm mode to work
> From: Glen Farough <gfarough@...>
> 23. Re: Mic Ft100
> From: Glen Farough <gfarough@...>
> 24. Re: Mic Ft100
> From: "backhoefade" <cgarner@...>
> 25. Re: Manual deficiencies
> From: "backhoefade" <cgarner@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Mon, 6 May 2002 19:01:04 -0500

> From: "Bob Evans" <bevans@...>
> Subject: Re: Low output on SSB....??!!
>
> Chris,
>
> Hold on a second partner, don't change a thing!! You implied that you get
> 100W out when whistling or on FM. Well, guess what, that means your rig
is
> putting out 100W "exactly". The reason your meter is showing 70W is
because
> of the meter; I'll bet it is not a peak reading meter. If you jack up the
> power level any further than it already is, you run a greater probability
of
> burning up your finals no matter how many fan mods you do. I'd just leave
> the FT-100 alone and get a new wattmeter with a peak reading feature.
>
> Good luck,
> Bob K5WA
>
> >>>>>
> Message: 3
> Date: Mon, 6 May 2002 21:28:36 +0200
> From: "35IR184/35SD184/35LD184" <35AT184@...>
> Subject: Low output on SSB....??!!
>
> Can anyone give me some hints how to increase the output power on my
> FT100D to exactly 100W????
> I figured out on 10m that the output is only about 70W Talkpower on my
> MFJ-Wattmeter...(not when whistling! Or on FM!)
> Although I have set up everything (proc, Micgain, output power...) and
> the SWR is adjusted properly on the ant....
>
> Any ideas would be welcome!!
>
> 73?s Chris OE5CSP
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Mon, 6 May 2002 18:56:32 -0600
> From: "Dick Thompson" <wb0dul@...>
> Subject: Re: NEW TO THE FORUM
>
> Hi Chris,
>
> If your serial number starts with 1N, then the radio was manufactured in
December 2001. Yaesu starts with a C for January. So N would be December.

That's the latest one I've heard about. It sounds like the fan mod at least has been done. That's a good deal.
>
> I'm not sure how you tell if the SWR mod has been done. Someone said a blue dot (or green) on the box indicated the mod(s) had been made to the radio.
>
> As for the power output, check it in CW mode. Don't count on a full 100 watts in all modes.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Monday, May 06, 2002 1:02 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> Sorry for late answer !! i was busy in the job.
>
> I was completely wrong, I mixed up the serial nr.. It starts with 1N so
> I think this unit must be produced in November 2001???
> The box has a green dot on it. I don't know what this means, but I can
> only tell you that the fans are running constantly.. so I think yaesu
> has done already the fan mod.
>
> I have a MH-42b microphone and It works great. Got some real good
> reports today on 10m
>
> 73?s OE5CSP Chris
>
> -----Urspr?ngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Mittwoch, 1. Mai 2002 20:53
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Welcome to the forum, Chris. Nice to have you aboard. Your manufacture
> date is the newest I've seen on here. The serial number must start with
> 2C. Right?
>
> I don't know whether anyone can really say for sure if the mods have
> been done on your new 100D. Do the fans run continually on VHF/UHF like
> they do on HF (when receiving)? If they do, then at least the fan mod
> has been done on yours. Also, mention has been made of a Blue dot on
> the label or box. Do you see anything like that?

>
> Let us know.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: 'FT100-Forum'
> Sent: Wednesday, May 01, 2002 4:13 AM
> Subject: [FT100] NEW TO THE FORUM
>
>
> Just to say hello from Austria to all members connected to this fine
> forum...
>
> I joined a few days ago, when I received my FT100D from the german
> dealer....
> Took me 8!!! Weeks to wait for it...But I am happy to have a unit of
> the
> latest production series... The serial nr. Production date January
> 2002!!!
> So I guess all the mods have been done??!! Anybody who can confirm
> this??
>
> Anyway it's a great little rig, and I really like it much even if I am
> only using it now for 2-3 days :-)))
>
> BTW thanks for this forum, I have got some real good infos about the
> FT100... I had to decide between IC706MKIIG and FT100D... Finally I
> think I have done the right thing!!!
>
> Greetings from Austria (NOT Australia, we have high mountains but NO
> kangaroos.... )
>
> Chris
> OE5CSP
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com

> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
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>
> <http://rd.yahoo.com/M=194081.2021092.3499911.1829184/D=egroupweb/S=1705
> 063108:HM/A=1036972/R=0/*http:/www.ediets.com/start.cfm?code=3466> Click
> Here!
>
>
> <http://us.adserver.yahoo.com/l?M=194081.2021092.3499911.1829184/D=egrou
> pmail/S=1705063108:HM/A=1036972/rand=765037387>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com

> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Tue, 07 May 2002 04:34:24 -0000
> From: "miguelier" <miguelg@...>
> Subject: new mobile picture add
>
> I invite them to that see my mobil station with ATAS 100
>
> In the pictures album section (YY5OGU mobile)
>
> Bye.
>
> Miguel Gonzalez
> yy5ogu@...
> Caracas Venezuela
> http://www.yy5ogu.com
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 4
> Date: Tue, 07 May 2002 00:49:09 -0400
> From: Tim <tmaxwell@...>
> Subject: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
>
> "Norm, W3IZ" wrote:
>
> > Why not put up the
> > B&W 1.8 - 30MHz Folded dipole?
> >

> > Now there is a hunk of crap compromise antenna.
> >
>
> Oh sure, anything not a multi element
> Yagi is crap eh?
>
> Bluntly, the antenna does exactly what it says it does.
> It is easy to put up, take down, and mount in many
> configurations. It handles full legal power, and for
> those in the military, lots more power, as necessary.
>
> My own tests confirm the wide coverage, with actual
> gain on the upper bands. For what it does, it works
> just fine.
>
> It will also survive conditions that would take out most
> other verticals, or beams.
>
> Hardly an antenna design deserving of such an
> inaccurate, un-usefull term like "crap".
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 5
> Date: Tue, 07 May 2002 00:53:26 -0400
> From: Tim <tmaxwell@...>
> Subject: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> john BUNKER wrote:
>
> > I had one of those its a Dummy Load up in the air.
>
> Right. It actually absorbs ALL the
> radiating power of your transmitter?
>
> If you really have nothing useful,
> descriptive, or even remotely
> helpful, such as good, or bad
> points...
>

> Why pester us with comments like
> this at all?
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 6
> Date: Mon, 06 May 2002 16:04:01 -0000
> From: "morganquityesterday" <tmorgan7955@...>
> Subject: Re: 6-BTV
>
> A long time ago, in a state far, far away, I had a vertical in the
> front yard of my parent's home.
>
> My dad came up with an idea for burying the radials: Use a small
> hatchet to make a slit in the sod and use a wooden dowel into which
> you have cut a "V" shape in one end to push the radial into the
> slit. This gets the wire below ground so there are no worries about
> anyone tripping over them or winding them around the lawn mower.
>
> The antenna has long since come down and the house sold, but I bet
> those radials are still there!
>
> May the Force be with you,
>
> Turner - WA4MQY
> "I was first licensed as an amateur radio operator in 1963. That
> gives me the right to say megaCYCLE, if I want to!"
>
>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 7
> Date: Mon, 6 May 2002 18:12:26 -0400
> From: "Richard W. Solomon" <w1ksz@...>
> Subject: RE: Re: What's the green wire for, anyone?
>
> What I meant was that the Green Wire was not interfering with the

> filter installation. The interference must be new.
>
> 73, Dick, W1KSZ
>
> -----Original Message-----
> From: Tim [mailto:tmaxwell@...]
> Sent: Monday, May 06, 2002 2:44 AM
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: What's the green wire for, anyone?
>
>
> "Richard W. Solomon" wrote:
>
> > The Green Wire must be an "upgrade" in the FT100D,
> > I did not need to do that in my FT-100 (actually did it
> > on two FT-100's).
> >
> > 73, Dick, W1KSZ
> >
>
> I suspect it's a mod of some sort.
> It sure looks the part. Not like
> all the other connections, just
> strung across compartments. It's
> just a piece of hookup wire really.
>
> Anyone have any ideas what it's
> there for?
>
> Tim
> -From NY-
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 8
> Date: Mon, 6 May 2002 13:50:24 -0700 (PDT)
> From: Paul Manuel <k4pdm@...>
> Subject: Re: Verticals
> 
> 
> > The thing about verticals is that they operate equally poorly in all
> > directions. I have used many and that has been my experience. I now
> > have a Butternut 80/40 ground mounted that I put up to work low angle DX
> > but my Carolina Windom consistently works better, I will be selling the
> > vertical at the next hamfest.
> I don't know specifically about the Butternut, but my old Cush-Craft trap
> vertical and a homebrew wire vertical I made worked MUCH MUCH better when
> elevated with 4 elevated radials per band. Some signals are stronger on my
> Zepp, but 75% of the DX is stronger on the vertical.
> 73,
> Paul K4PDM
> 
> ---------------------------------------------------
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 9
> Date: Tue, 07 May 2002 01:14:39 -0400
> From: Tim <tmaxwell@...>
> Subject: Re: 6-BTV, vrs. the 1.8 to 30 B&W
> 
> w1pa wrote:
> 
> > Isn't that barrel on one side of it a big terminating resistor?
> > I'd take a vertical any day.
> > 
> > Bill
> > W1PA
> > 
> 
> Yes, but its location at the ends of each
> leg, joining them is not where the current
> is flowing. There are two "barrels", one

> of which is a 4 to1 ballun. This of course
> is where you attach the coax. It also why
> the antenna radiates equally (Balanced).
> The other "barrel," the horizontal one,
> does contain a resistor, however it is used
> to join the ends loop style. It contributes to
> the wide frequency coverage, and does not
> absorb transmitter energy enough to really
> matter.
>
> As to that vertical, unless you have a tuned
> radial, or multiple radiator, you won't be
> using much of your transmitters power
> effectively...
> then of course there is your bandwidth.
>
> I suppose you could put up a 45 foot
> vertical, with a tuned 45 foot radial, on a
> 90 foot long pole, with a decent tuner to
> maintain a decent match. Of course the
> tuner would require power, and a
> weatherproof enclosure, and I am sure
> those memory equipped, auto tuning
> units like SGC cost quite a bit...
> probably twice what a B&W costs.
>
> You could do that...
> but I wouldn't.
>
> Tim
> KA2PKH
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 10
> Date: Tue, 07 May 2002 08:03:52 -0400
> From: "Norm, W3IZ" <w3iz@...>
> Subject: Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> Tim,
> Don't get your feathers in an ruffle. The B & W dipole has a big
terminating resistor at the top of the dipole making it a 50 ohm resistive
load which is what a dummy load is. That is why you get wide bandwidth SWR.

So John's comments are descriptive and truthful.
> If you understand the fundamentals of antennas you would know that a dipole cannot cover the entire HF band with a flat SWR. And if the military wants to run more power then they put in a larger resistor. Most of the power is being spent as **heat**. Try this experiment, load your 100 watt xmtr into a cantenna or other dummy load outside and have a friend listen for your signal. Or if you have a MFJ antenna analizer put a small sniffer antenna wire on it and put it in freq counter mode and you will see that your signal will still radiate from the DL. Now put 100 feet of wire on the hot side of the DL and you just gave the little RF that is not heat energy a "springboard".
> Use the formula for quality factor, "Q" and youcan see that ANY LC circuit with a wide bandwidth is low Q.
> Q = Fr / BW
> Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
> Seventy or point one three. Obviously the wide bandwidth is the low Q.
Does it work? Jed Clampet's truck worked but not efficiently.
> I will ammend my comment and say The B & W design is a very inefficient method of radiating RF.
>
> 73,
> Norm, W3IZ
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 11
> Date: Tue, 7 May 2002 14:59:59 +0100
> From: "Cliff Bryant" <CliffB@...>
> Subject: RE: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> ... and people pay money for aerials like this? Amazing! Can I sell you
> a light bulb with a piece of wire at the end? :-)
>
> Seriously though the message here is exactly as you wrote :
>
> "If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR."
>
> There ain't no such animal unfortunately although a log periodic has

> made some inroads to this.
>
> Cliff, G4PZK
>
> Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
>
> Tim,
> Don't get your feathers in an ruffle. The B & W dipole has a big
> terminating resistor at the top of the dipole making it a 50 ohm
> resistive load which is what a dummy load is. That is why you get wide
> bandwidth SWR. So John's comments are descriptive and truthful.
> If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR. And if the
> military wants to run more power then they put in a larger resistor.
> Most of the power is being spent as **heat**. Try this experiment, load
> your 100 watt xmtr into a cantenna or other dummy load outside and have
> a friend listen for your signal. Or if you have a MFJ antenna analizer
> put a small sniffer antenna wire on it and put it in freq counter mode
> and you will see that your signal will still radiate from the DL. Now
> put 100 feet of wire on the hot side of the DL and you just gave the
> little RF that is not heat energy a "springboard".
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> circuit with a wide bandwidth is low Q.
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> Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR
> bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if
> you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of
> 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
> Seventy or point one three. Obviously the wide bandwidth is the low Q.
> Does it work? Jed Clampet's truck worked but not efficiently.
> I will ammend my comment and say The B & W design is a very inefficient
> method of radiating RF.
>
> 73,
> Norm, W3IZ
>
> <snip>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 12

> Date: Tue, 07 May 2002 07:05:21 -0700
> From: "David Kiwerski, Senior Comm. Tech. OCSD Communications"
<david.kiwerski@...>
> Subject: Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> I thought that this was an FT100 group? NOT an antenna discussion group?
>
> Dave WP2AAT
>
>
> "Norm, W3IZ" wrote:
>
> > Tim,
> > Don't get your feathers in an ruffle. The B & W dipole has a big terminating resistor at the top of the dipole making it a 50 ohm resistive load which is what a dummy load is. That is why you get wide bandwidth SWR. So John's comments are descriptive and truthful.
> > If you understand the fundamentals of antennas you would know that a dipole cannot cover the entire HF band with a flat SWR. And if the military wants to run more power then they put in a larger resistor. Most of the power is being spent as **heat**. Try this experiment, load your 100 watt xmtr into a cantenna or other dummy load outside and have a friend listen for your signal. Or if you have a MFJ antenna analizer put a small sniffer antenna wire on it and put it in freq counter mode and you will see that your signal will still radiate from the DL. Now put 100 feet of wire on the hot side of the DL and you just gave the little RF that is not heat energy a "springboard".
> > Use the formula for quality factor, "Q" and youcan see that ANY LC circuit with a wide bandwidth is low Q.
> > Q = Fr / BW
> > Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
> > Seventy or point one three. Obviously the wide bandwidth is the low Q. Does it work? Jed Clampet's truck worked but not efficiently.
> > I will ammend my comment and say The B & W design is a very inefficient method of radiating RF.
> >
> > 73,
> > Norm, W3IZ
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html

> >
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> >
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>
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>
> Message: 13
> Date: Tue, 07 May 2002 10:16:16 -0400
> From: "Norm, W3IZ" <w3iz@...>
> Subject: Re: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> And what do you put at the end of the FT-100? The antenna is the most
important part of the station.
> Norm, W3IZ
> ----- Original Message -----
>
>
> I thought that this was an FT100 group? NOT an antenna discussion
group?
>
> Dave WP2AAT
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 14
> Date: Tue, 7 May 2002 15:56:41 +0100
> From: "Cliff Bryant" <CliffB@...>
> Subject: RE: Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
> It is, but trust me, the FT100 is no fun without a proper aerial.
>
> Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>
>
> I thought that this was an FT100 group? NOT an antenna discussion
> group?

> 
> Dave WP2AAT
> 
> 
> "Norm, W3IZ" wrote:
> 
> > Tim,
> > Don't get your feathers in an ruffle. The B & W dipole has a big
> terminating resistor at the top of the dipole making it a 50 ohm
> resistive load which is what a dummy load is. That is why you get wide
> bandwidth SWR. So John's comments are descriptive and truthful.
> > If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR. And if the
> military wants to run more power then they put in a larger resistor.
> Most of the power is being spent as **heat**. Try this experiment, load
> your 100 watt xmtr into a cantenna or other dummy load outside and have
> a friend listen for your signal. Or if you have a MFJ antenna analizer
> put a small sniffer antenna wire on it and put it in freq counter mode
> and you will see that your signal will still radiate from the DL. Now
> put 100 feet of wire on the hot side of the DL and you just gave the
> little RF that is not heat energy a "springboard".
> > Use the formula for quality factor, "Q" and youcan see that ANY LC
> circuit with a wide bandwidth is low Q.
> > Q = Fr / BW
> > Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR
> bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if
> you have an antenna that you cut for 3.5Mhz and it covers a bandwidth of
> 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
> > Seventy or point one three. Obviously the wide bandwidth is the low
> Q. Does it work? Jed Clampet's truck worked but not efficiently.
> > I will ammend my comment and say The B & W design is a very
> inefficient method of radiating RF.
> >
> > 73,
> > Norm, W3IZ
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe: FT100-subscribe@yahoogroups.com
> > Unsubscribe: FT100-unsubscribe@yahoogroups.com
> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
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> Click Here!
> 
> <http://us.adserver.yahoo.com/l?M=194081.2021092.3499911.1829184/D=egrou
> pmail/S=1705063108:HM/A=1036972/rand=288971634>
> 
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> 
> 
> [Non-text portions of this message have been removed]
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 15
> Date: Tue, 07 May 2002 19:05:33 -0000
> From: "kb9umbb" <kb9umbb@...>
> Subject: how i get fm mode to work
> 
> I was having trouble with the fm mode. I was getting signals but no
> audio output. I powered down the radio in that mode then fired it back
> up, guess what, now have fm mode. I guess I should send it back to
> yaesu but I just got it. No fun buying a radio and having to send it
> in for repairs!
> Anyone have any ideas of the cause?
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------

>
> Message: 16
> Date: Tue, 7 May 2002 21:24:03 +0200
> From: "Arie Blom j.r" <944.blom@...>
> Subject: Mic Ft100
>
> My microphone ,I put in the original microphone a HEIL HC5 element ! clear
audio also some bass but some problems with to soft audio ! even with mic
gain 100procent. I need to solve this problem . i put the heil hc 5 on the
black and the yellow wire in the mike ! beatifull audio but to soft.,
> And I put two other type coolfans inside(PAPS 412 E)the are less noisy ! I
also took the speaker out for better airflow, and put a hifi small Keff
loudpeakerbox on the audio out for beautyfull sound (listen to the hifisound
on AM station on your FT100 !! Greetings Fron Arie /City Deil Holland(NL)
>
>
> [Non-text portions of this message have been removed]
>
>
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> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 17
> Date: Tue, 7 May 2002 23:23:31 +0200
> From: "35IR184/35SD184/35LD184" <35AT184@...>
> Subject: AW: NEW TO THE FORUM
>
> Hi Dick!
> TNX for answer and info.
> I solved the problem with the low output on SSB (menue F15 is the way
> to go!!)
>
> And you are absolutely right! The box of the FT had a GREEN dot on it.
> So you think the mods have been done lately??!
>
> Anyway I am really happy with my new transceiver and that's the most
> important thing.
>
> Greetings from Chris OE5CSP
>
> -----Urspr?ngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Dienstag, 7. Mai 2002 02:57
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Hi Chris,
>
> If your serial number starts with 1N, then the radio was manufactured in

> December 2001. Yaesu starts with a C for January. So N would be
> December. That's the latest one I've heard about. It sounds like the
> fan mod at least has been done. That's a good deal.
>
> I'm not sure how you tell if the SWR mod has been done. Someone said a
> blue dot (or green) on the box indicated the mod(s) had been made to the
> radio.
>
> As for the power output, check it in CW mode. Don't count on a full 100
> watts in all modes.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Monday, May 06, 2002 1:02 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> Sorry for late answer !! i was busy in the job.
>
> I was completely wrong, I mixed up the serial nr.. It starts with 1N
> so
> I think this unit must be produced in November 2001???
> The box has a green dot on it. I don't know what this means, but I can
> only tell you that the fans are running constantly.. so I think yaesu
> has done already the fan mod.
>
> I have a MH-42b microphone and It works great. Got some real good
> reports today on 10m
>
> 73?s OE5CSP Chris
>
> -----Urspr?ngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Mittwoch, 1. Mai 2002 20:53
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Welcome to the forum, Chris. Nice to have you aboard. Your
> manufacture
> date is the newest I've seen on here. The serial number must start
> with
> 2C. Right?
>
> I don't know whether anyone can really say for sure if the mods have

> been done on your new 100D. Do the fans run continually on VHF/UHF
> like
> they do on HF (when receiving)? If they do, then at least the fan mod
> has been done on yours. Also, mention has been made of a Blue dot on
> the label or box. Do you see anything like that?
>
> Let us know.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: 'FT100-Forum'
> Sent: Wednesday, May 01, 2002 4:13 AM
> Subject: [FT100] NEW TO THE FORUM
>
>
> Just to say hello from Austria to all members connected to this fine
> forum...
>
> I joined a few days ago, when I received my FT100D from the german
> dealer....
> Took me 8!!! Weeks to wait for it...But I am happy to have a unit of
> the
> latest production series... The serial nr. Production date January
> 2002!!!
> So I guess all the mods have been done??!! Anybody who can confirm
> this??
>
> Anyway it's a great little rig, and I really like it much even if I
> am
> only using it now for 2-3 days :-)))
>
> BTW thanks for this forum, I have got some real good infos about the
> FT100... I had to decide between IC706MKIIG and FT100D... Finally I
> think I have done the right thing!!!
>
> Greetings from Austria (NOT Australia, we have high mountains but NO
> kangaroos.... )
>
> Chris
> OE5CSP
>
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>
>
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> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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> 063108:HM/A=1036972/R=0/*http:/www.ediets.com/start.cfm?code=3466>
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>
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> pmail/S=1705063108:HM/A=1036972/rand=765037387>
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> 063108:HM/A=1000239/R=0/*http:/ads.x10.com/?bHlhaG9vaG0xLmRhd=1020732994
> %3eM=226014.2032696.3508022.1829184/D=egroupweb/S=1705063108:HM/A=100023
> 9/R=1>
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>
> <http://us.adserver.yahoo.com/l?M=226014.2032696.3508022.1829184/D=egrou
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>
> [Non-text portions of this message have been removed]
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>
> Message: 18
> Date: Tue, 7 May 2002 23:23:31 +0200
> From: "35IR184/35SD184/35LD184" <35AT184@...>
> Subject: AW: Re: Low output on SSB....??!!
>
> Great!
> I did the mod today in menue F15 and it gives now real 80 - 100W
> talkpower on 10m... (on the MFJ-Dummyload + vertical!!)
> I am really happy now as it is a very good radio.
>
> BIG BIG TNX for your support!!
>
> Greetings Chris OE5CSP
>
> -----Urspr?ngliche Nachricht-----
> Von: backhoefade [mailto:cgarner@...]
> Gesendet: Montag, 6. Mai 2002 22:27
> An: FT100@yahoogroups.com
> Betreff: [FT100] Re: Low output on SSB....??!!
>
> There are several output power controls within the secondary "F"
> menu; separate controls for HF, 6 meters, VHF and UHF. Let's talk
> about HF. First go to menu item 21 and set it to 100. Then access
> the "F" menu by shutting off the rig and then holding in buttons A, B
> and C while turning on the rig. After powering up like that, go into
> the function menu and scroll past the last item (somewhere in the
> 60's). Now you'll find yourself in the "F" functions. For setting
> the HF power you use F15. I don't recommend doing this unless you
> have an accurate power meter and you should only adjust this using a
> dummy load. That's your safest bet since the rig will start folding
> its output power back when the SWR is around 2 to 1 and that could
> mislead you. You set F15 in the CW mode for 100 Watts average output
> power. When you switch over to SSB you will have 100 Watts PEP
> output. Just remember to always set F15 in the CW mode with a dead
> key carrier.
>
> If you're planning to run AM you will want to set menu item 21
> to "100" and then go into the F functions and set F51 (that's fifty
> one) to the point where the un-modulated output power is precisely 25
> Watts. First set your mic gain to 17 or, if you want to use the
> processor, set the level "within" the PRO control also to 17.

> Contrary to the description in the User's Manual, you cannot adjust
> the compression percentage. I confirmed this with an oscilloscope.
> The setting "within" the PRO button is simply an alternate MIC gain
> control which over-rides the standard MIC gain setting whenever you
> use the PROcessor. You can convince yourself of that by turning on
> the PRO and then turning the MIC gain all the way to zero. Then
> prove to yourself that the output power varies only as a function of
> the setting of the level control within the PRO button.
>
> Don't bother trying to run AM until you install the 6 kHz filter.
> You need it to have proper AM operation since the rig will attempt to
> use the 2.4 kHz SSB in the absence of the 6 kHz filter, and that will
> attenuate one of the AM sidebands and also suppress the carrier power
> output leading to terrible sounding modulation. Once you get that
> filter in there and set it up right though, you will receive very
> good audio reports. Good luck.
> N6AF Chas
>
>
> --- In FT100@y..., "35IR184/35SD184/35LD184" <35AT184@u...> wrote:
> > Can anyone give me some hints how to increase the output power on my
> > FT100D to exactly 100W????
> > I figured out on 10m that the output is only about 70W Talkpower on
> my
> > MFJ-Wattmeter...(not when whistling! Or on FM!)
> > Although I have set up everything (proc, Micgain, output power...)
> and
> > the SWR is adjusted properly on the ant....
> >
> > Any ideas would be welcome!!
> >
> > 73?s Chris OE5CSP
>
>
>
> Post message: FT100@yahoogroups.com
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> ------------------------------------------------------------------------
>
> Message: 19
> Date: Tue, 07 May 2002 21:41:41 -0000
> From: "NS7K" <ns7k@...>
> Subject: Ford trucks
>
> I have a 1987 Ford truck and would like to know if any
> one has had a ground problem with them.
>
> Also Looking at getting a new 2002 Ford truck anyone having problems
> with them using the FT 100d and ATAS 100?
> NS7K
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 20
> Date: Tue, 07 May 2002 21:42:05 -0000
> From: "NS7K" <ns7k@...>
> Subject: Ford trucks
>
> I have a 1987 Ford truck and would like to know if any
> one has had a ground problem with them.
>
> Also Looking at getting a new 2002 Ford truck anyone having problems
> with them using the FT 100d and ATAS 100?
> NS7K
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 21
> Date: Tue, 07 May 2002 21:59:01 -0000
> From: "bboerner" <bboerner@...>
> Subject: FT-100D on Jeep Wrangler with ATAS-100
>
> Hello Everyone. I'm new to the group and would like to take advantage
> of the experience here before making what I consider to be an
> expensive purchase.
>
> I just bought a 2002 Jeep Wrangler for some summer fun. I plan on
> commuting in this vehicle and want the added bonus of playing around
> on HF. I don't want to start the ICOM/YAESU war, but I have two
> options I'm currently looking at:
>

> 1. Yaesu FT-100D with the ATAS-100 Antenna
> 2. IC-706MKIIG with CB whip and ICOM Tuner.
>
> I'm leaning towards the FT-100D as I've always like the features of
> the FT-1000, even though I'm an ICOM owner.
>
> My plan is to install the antenna mounted on an aluminum pole that is
> attached to the spare tire mount. I'll have the antenna high enough to
> the base is flush with the plastic roof. I have basically no
> experience when it comes to mobile HF and was wondering if there are
> other Jeep owners out there who might lend some helpful words. Heck,
> even if your not a Jeep owner you probably know more than me.
>
> I'm really hoping the ATAS-100 is as good as people say. I really like
> the idea of having only 1 antenna on the Jeep. I'm also not really
> into drilling holes in my new car and neither is my YL. She has agreed
> to allow at least one though. :)
>
> Any thoughts?
>
> Thanks,
> Brian
> 73 de W2SUQ
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 22
> Date: Tue, 7 May 2002 15:47:28 -0700 (PDT)
> From: Glen Farough <gfarough@...>
> Subject: Re: how i get fm mode to work
>
> Hello...
> Check on your function menu
> 56 sql/rf Determines if the control behind the
> volume control is squelch or rf gain.
> -Likely want this set as sql...
> -Squelch control for FM mode
> -Another thing to watch for is WFM for wide FM
> (Broadcast radio station receive) and FM that
> would be used for FM repeaters. Holding the mode
> button for 1/2 sec or so will change the WFM and
> FM on the display.
> Don't give up on the FT-100D!
> Remember packet radio? It takes a couple of months
> to really know this radio well!
> All the best
> 73 de Glen VE7LGF FT-100D/ATAS-100 Party pack!

> --- kb9umbb <kb9umbb@...> wrote:
> > I was having trouble with the fm mode. I was getting
> > signals but no
> > audio output. I powered down the radio in that mode
> > then fired it back
> > up, guess what, now have fm mode. I guess I should
> > send it back to
> > yaesu but I just got it. No fun buying a radio and
> > having to send it
> > in for repairs!
> > Anyone have any ideas of the cause?
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com
>
>
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> ------------------------------------------------------------------------
>
> Message: 23
> Date: Tue, 7 May 2002 15:52:57 -0700 (PDT)
> From: Glen Farough <gfarough@...>
> Subject: Re: Mic Ft100
>
> Hello...
> Likely an impedence mismatch trouble rather than
> an audio adjustment. That FT-100D Mic is 2000 ohms
> and the Heil HC5 ele will need a small transformer
> to match the impedence. Radio shack has a 2000 ohm
> to multiple tap transformer that will likely fit
> right into the microphone case.
> Bunch of Mic matching notes of been posted that
> describe the impedence mismatch and sources of
> transformers for different popular mic elements.
> 73 de Glen VE7LGF
> --- "Arie Blom j.r" <944.blom@...> wrote:
> > My microphone ,I put in the original microphone a
> > HEIL HC5 element ! clear audio also some bass but
> > some problems with to soft audio ! even with mic
> > gain 100procent. I need to solve this problem . i
> > put the heil hc 5 on the black and the yellow wire
> > in the mike ! beatifull audio but to soft.,
> > And I put two other type coolfans inside(PAPS 412
> > E)the are less noisy ! I also took the speaker out
> > for better airflow, and put a hifi small Keff

> > loudpeakerbox on the audio out for beautyfull sound
> > (listen to the hifisound on AM station on your FT100
> > !! Greetings Fron Arie /City Deil Holland(NL)
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com
>
>
> _____
> _____
>
> Message: 24
> Date: Tue, 07 May 2002 23:47:07 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: Mic Ft100
>
> Here's a website with info about matching various mics to the FT-100D
> using a simple impedance transforming mic pre-amp:
> http://hometown.aol.com/ampmicro
>
> I suspect your experiment was prompted by some marginal audio reports.
> You can make your transmit audio sound great with the stock FT-100D
> mic by implementing the "N2ZD mic mod". It's described here and also
> at http://www.mods.dk
>
> Wishing you the best in transmit audio. 73
>
> N6AF Chas
>
> --- In FT100@y..., Glen Farough <gfarough@y...> wrote:
> > Hello...
> > Likely an impedence mismatch trouble rather than
> > an audio adjustment. That FT-100D Mic is 2000 ohms
> > and the Heil HC5 ele will need a small transformer
> > to match the impedence. Radio shack has a 2000 ohm
> > to multiple tap transformer that will likely fit
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> > Bunch of Mic matching notes of been posted that
> > describe the impedence mismatch and sources of
> > transformers for different popular mic elements.
> > 73 de Glen VE7LGF

> > --- "Arie Blom j.r" <944.blom@c...> wrote:
> > > My microphone ,I put in the original microphone a
> > > HEIL HC5 element ! clear audio also some bass but
> > > some problems with to soft audio ! even with mic
> > > gain 100procent. I need to solve this problem . i
> > > put the heil hc 5 on the black and the yellow wire
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> > > !! Greetings Fron Arie /City Deil Holland(NL)
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Health - your guide to health and wellness
> > http://health.yahoo.com
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 25
> Date: Wed, 08 May 2002 00:25:42 -0000
> From: "backhoefade" <cgarner@...>
> Subject: Re: Manual deficiencies
>
> If you really want to get "irked" try to find info in there about AM
> transmit operation. They don't even make it clear that you need the
> 6 kHz filter for proper AM operation. In case you're interested in
> AM op, go to http://www.mods.dk
>
> Chas N6AF
>
>
> --- In FT100@y..., "Paul N. Lawrence" <n5tns@... wrote:
> > OK, for instance:
> >
> > 1. In regards to the "SWR Meter". There's only a small mention of
> how to turn it on/off and no explanation that I find for how it
> > works or what happens when SWR is too high. What is too high? On

> what bands does the "SWR Meter" operate?
> >
> > 2. The manual seems to be a detailed outline of the radio's menu
> structure. I've had many Yaesu radios with more detailed manuals.
> > This one is barely over 100 pages (8"x5"). It barely has a Table of
> Contents and doesn't even have an index. I don't see how they
> > kept all the details out. Where's the Yaesu beef?
> >
> > 3. Does the radio have a way to set the power output on "50M"
> without going to Menu Item 22? There's no mention of it being anywhere
> > except there. The little "squiggle" guy on page 47 warns "... set
> the operating mode before making the power adjustment!" Irk!
> > Why?
> >
> > I'm not criticizing the manual, I'm just asking if there is another
> place where I can get more explanation for some if these "irks"
> > that come up while I'm setting up and learning this radio.
> >
> > _____
> > Regards,
> > Paul N. Lawrence, mailto:N5TNS@b...
> > Amateur Radio Operator (Ham) "You won't see us 'til we're gone!"
> >
> > -----Original Message-----
> > From: Richard W. Solomon [mailto:w1ksz@t...]
> > Sent: Saturday, March 27, 1999 1:30 PM
> > To: 'FT100@o...'
> > Subject: [FT100] Re: Manual deficiencies
> >
> >
> > From: "Richard W. Solomon" <w1ksz@t...>
> >
> > I am at a loss to understand what it is you want the manual to do.
> > Can you be specific with a couple of instances ?
> > I find the manual to be most comprehensive and clearly written (for
> > once).
> > 73, Dick, W1KSZ
> >
> > -----Original Message-----
> > From: Paul N. Lawrence [SMTP:n5tns@b...]
> > Sent: Friday, March 26, 1999 9:19 PM
> > To: FT100
> > Subject: [FT100] Manual deficiencies
> > Importance: High
> >
> > From: "Paul N. Lawrence" <n5tns@b...>
> >
> > I got mine, but I'm constantly irked that the manual ALMOST
> explains the functions. It gives you the choices, but doesn't give
> the

> > why or why not.
> >
> > Is there more explanation for some of these functions somewhere
> else?
>
>
>
> ---
> ---
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

# 14002. Ford Trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 04:47:08 UTC
From: Dave Hornung
Topic: 14002  Message: 14002

NS7K

I have a 2000 F-250, great truck. The only problem is the engine EM. From past discussions I am given to under stand this is less of a problem with the Diesel. The rig on HF 40-80 with the engine running is close to being usless.

WB2SQR

# 14003. Re: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 03:32:55 UTC
From: Dick Thompson
Topic: 13791  Message: 14003

Glad you got the problem resolved, Chris.

My Menu F15 is Scope Monitor. Menu 21 is HF TX PO which I have set at 100.

73,

Dick
WB0DUL@...

----- Original Message -----
From: 35IR184/35SD184/35LD184
To: FT100@yahoogroups.com
Sent: Tuesday, May 07, 2002 3:23 PM
Subject: AW: [FT100] NEW TO THE FORUM

Hi Dick!
TNX for answer and info.
I solved the problem with the low output on SSB (menue F15 is the way
to go!!)

And you are absolutely right! The box of the FT had a GREEN dot on it.
So you think the mods have been done lately??!

Anyway I am really happy with my new transceiver and that's the most
important thing.

Greetings from Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Dienstag, 7. Mai 2002 02:57
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Hi Chris,

If your serial number starts with 1N, then the radio was manufactured in
December 2001. Yaesu starts with a C for January. So N would be
December. That's the latest one I've heard about. It sounds like the
fan mod at least has been done. That's a good deal.

I'm not sure how you tell if the SWR mod has been done. Someone said a
blue dot (or green) on the box indicated the mod(s) had been made to the
radio.

As for the power output, check it in CW mode. Don't count on a full 100
watts in all modes.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: FT100@yahoogroups.com
Sent: Monday, May 06, 2002 1:02 PM
Subject: AW: [FT100] NEW TO THE FORUM

Hi Dick!
Sorry for late answer !! i was busy in the job.

I was completely wrong, I mixed up the serial nr.. It starts with 1N
so
I think this unit must be produced in November 2001???
The box has a green dot on it. I don't know what this means, but I can
only tell you that the fans are running constantly.. so I think yaesu
has done already the fan mod.

I have a MH-42b microphone and It works great. Got some real good
reports today on 10m

73´s OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: Dick Thompson [mailto:wb0dul@...]
Gesendet: Mittwoch, 1. Mai 2002 20:53
An: FT100@yahoogroups.com
Betreff: Re: [FT100] NEW TO THE FORUM

Welcome to the forum, Chris. Nice to have you aboard. Your
manufacture
date is the newest I've seen on here. The serial number must start
with
2C. Right?

I don't know whether anyone can really say for sure if the mods have
been done on your new 100D. Do the fans run continually on VHF/UHF
like
they do on HF (when receiving)? If they do, then at least the fan mod
has been done on yours. Also, mention has been made of a Blue dot on
the label or box. Do you see anything like that?

Let us know.

73,

Dick
WB0DUL@...
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Wednesday, May 01, 2002 4:13 AM

Subject: [FT100] NEW TO THE FORUM

Just to say hello from Austria to all members connected to this fine forum...

I joined a few days ago, when I received my FT100D from the german dealer....
Took me 8!!! Weeks to wait for it...But I am happy to have a unit of the
latest production series... The serial nr. Production date January 2002!!!
So I guess all the mods have been done??!! Anybody who can confirm this??

Anyway it's a great little rig, and I really like it much even if I am
only using it now for 2-3 days :-)))

BTW thanks for this forum, I have got some real good infos about the FT100... I had to decide between IC706MKIIG and FT100D... Finally I think I have done the right thing!!!

Greetings from Austria (NOT Australia, we have high mountains but NO kangaroos.... )

Chris
OE5CSP

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%3eM=226014.2032696.3508022.1829184/D=egroupweb/S=1705063108:HM/A=100023
9/R=1>

<http://us.adserver.yahoo.com/l?M=226014.2032696.3508022.1829184/D=egrou
pmail/S=1705063108:HM/A=1000239/rand=223461850>

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# 14004. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 05:34:10 UTC
From: Tim
Topic: 13943  Message: 14004

"Norm, W3IZ" wrote:

> Tim,
> Don't get your feathers in an ruffle. The B & W dipole has a big
> terminating resistor at the top of the dipole making it a 50 ohm
> resistive load which is what a dummy load is. That is why you get
> wide bandwidth SWR. So John's comments are descriptive and truthful.
>

Don't you mean Deceptive and truthless?

> If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR.

You are of course forgetting ALL of the other factors
involved in antenna theory. Antennas also have capacitive
and inductive elements. Current flows unequally through
each element, more current flows (and if we could see it
more radiation occurs) near the cable, and less near the
tip, where that "resistor" exists. Antennas do not perform
like a dummy load.

> And if the military wants to run more power then they put in a larger
> resistor. Most of the power is being spent as **heat**.

Nonsense, my own testing confirms the radiation
is not being dissipated.

> Try this experiment, load your 100 watt xmtr into a cantenna or other
> dummy load outside and have a friend listen for your signal. Or if
> you have a MFJ antenna analizer put a small sniffer antenna wire on it
> and put it in freq counter mode and you will see that your signal will
> still radiate from the DL. Now put 100 feet of wire on the hot side
> of the DL and you just gave the little RF that is not heat energy a
> "springboard".

Pleas get real. How many dummy loads do you
have hanging from your dipoles?
This antenna outperforms dipoles cut for the higher
frequencies...

> Use the formula for quality factor, "Q" and youcan see that ANY LC
> circuit with a wide bandwidth is low Q.
> Q = Fr / BW
> Example If you cut a dipole for 14.150 Mhz and it has a 2:1 SWR
> bandwidt of 200 KHz then Q=14.150/.200=70.75. pretty high Q. Now if
> you have an antenna that you cut for 3.5Mhz and it covers a bandwidth

> of 26.5 MHz (30 - 3.5) then the Q would be 3.5/26.5=0.13.
> Seventy or point one three. Obviously the wide bandwidth is the low
> Q. Does it work? Jed Clampet's truck worked but not efficiently.
> I will ammend my comment and say The B & W design is a very
> inefficient method of radiating RF.
>
> 73,
> Norm, W3IZ
>

Sorry norm, it's NOT a dipole.
It radiates quite well. It outperforms
a dipole on the upper bands...
quite a feat for a "dummy load"

So how do you explain this performance?

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14005. Re: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 05:46:07 UTC
From: Herbert Haslinger
Topic: 13791  Message: 14005

Hey Dick!
No thats not the menue i mentioned to increase the HF power on your FT100...Its one of the hidden menues (no joke!!)

To activate the F-menues: Turn off the power.Press buttons A,B,C (all togther) and turn the radio on.
Scroll down to the last menue (i think its 65 or so) and you see the "F" menues. Scroll to the "F15" here you have the possibilty to adjust seperatly the Power for HF, 6m, 2m, 70cm......
I did it on mine, it worked!!
I adjusted it with my MFJ dummyload & meter. So the radio has exactly 105W PEP when whistling on SSB, or around 70-90W when talking on SSB....
That´s what i wanted cause i use NO Linear, just a 2 El Monoband-Quad for 10m + the radio. "SMALL IS BEAUTIFUL".....

Hey man the more i get used to this lovely little radio the more i like it!!!!!!!!!!!!!!

73´s from
OE5CSP Chris

----- Originalnachricht -----
Von: "Dick Thompson" <wb0dul@arrl.net>
Datum: Mittwoch, Mai 8, 2002 5:32
Betreff: Re: [FT100] NEW TO THE FORUM

> Glad you got the problem resolved, Chris.
>
> My Menu F15 is Scope Monitor. Menu 21 is HF TX PO which I have
> set at 100.
>
> 73,
>
> Dick
> WB0DUL@...
>
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Tuesday, May 07, 2002 3:23 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> TNX for answer and info.
> I solved the problem with the low output on SSB (menue F15 is

> the way
> to go!!)
>
> And you are absolutely right! The box of the FT had a GREEN dot
> on it.
> So you think the mods have been done lately??!
>
> Anyway I am really happy with my new transceiver and that's the most
> important thing.
>
> Greetings from Chris OE5CSP
>
> -----Ursprüngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Dienstag, 7. Mai 2002 02:57
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Hi Chris,
>
> If your serial number starts with 1N, then the radio was
> manufactured in
> December 2001. Yaesu starts with a C for January. So N would be
> December. That's the latest one I've heard about. It sounds
> like the
> fan mod at least has been done. That's a good deal.
>
> I'm not sure how you tell if the SWR mod has been done. Someone
> said a
> blue dot (or green) on the box indicated the mod(s) had been
> made to the
> radio.
>
> As for the power output, check it in CW mode. Don't count on a
> full 100
> watts in all modes.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Monday, May 06, 2002 1:02 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> Sorry for late answer !! i was busy in the job.

>
> I was completely wrong, I mixed up the serial nr.. It starts
> with 1N
> so
> I think this unit must be produced in November 2001???
> The box has a green dot on it. I don't know what this means,
> but I can
> only tell you that the fans are running constantly.. so I
> think yaesu
> has done already the fan mod.
>
> I have a MH-42b microphone and It works great. Got some real good
> reports today on 10m
>
> 73´s OE5CSP Chris
>
> -----Ursprüngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Mittwoch, 1. Mai 2002 20:53
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Welcome to the forum, Chris. Nice to have you aboard. Your
> manufacture
> date is the newest I've seen on here. The serial number must
> start with
> 2C. Right?
>
> I don't know whether anyone can really say for sure if the
> mods have
> been done on your new 100D. Do the fans run continually on
> VHF/UHF like
> they do on HF (when receiving)? If they do, then at least the
> fan mod
> has been done on yours. Also, mention has been made of a Blue
> dot on
> the label or box. Do you see anything like that?
>
> Let us know.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: 'FT100-Forum'
> Sent: Wednesday, May 01, 2002 4:13 AM
> Subject: [FT100] NEW TO THE FORUM
>

>
> Just to say hello from Austria to all members connected to
> this fine
> forum...
>
> I joined a few days ago, when I received my FT100D from the
> german dealer....
> Took me 8!!! Weeks to wait for it...But I am happy to have a
> unit of
> the
> latest production series... The serial nr. Production date
> January 2002!!!
> So I guess all the mods have been done??!! Anybody who can
> confirm this??
>
> Anyway it's a great little rig, and I really like it much
> even if I
> am
> only using it now for 2-3 days :-)))
>
> BTW thanks for this forum, I have got some real good infos
> about the
> FT100... I had to decide between IC706MKIIG and FT100D...
> Finally I
> think I have done the right thing!!!
>
> Greetings from Austria (NOT Australia, we have high
> mountains but NO
> kangaroos.... )
>
> Chris
> OE5CSP
>
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> Subscribe: FT100-subscribe@yahoogroups.com
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>

# 14006. Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 05:47:37 UTC
From: Tim
Topic: 13943  Message: 14006

Cliff Bryant wrote:

> ... and people pay money for aerials like this? Amazing! Can I sell
> you
> a light bulb with a piece of wire at the end? :-)

Nope you'll need the money to purchase
a real antenna theory book. One without too
many pictures...
;-)

> "If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR."
>
> There ain't no such animal unfortunately although a log periodic has
> made some inroads to this.
>
> Cliff, G4PZK
>

You are ignoring FACTS.

One.
It DOES cover the advertised bandwidth
with less than two to one SWR.

Two.
Despite spurious claims made here,
the antenna DOES perform at least
as good as most dipoles, and it
actually has GAIN on the upper bands.

Three.
No tuners, no power needed, no
radials, and it even dissipates static loaded
from wind, rain, and snow.

I'm not speculating, I've tested it.
Direct comparisons with tuned
full size dipoles. Of course...
It's not a Yagi, nor is it a
Log Periodic. Would I love to
own one of these?
Naturally.
I would of course also need a big dog
to scare off all my neighbors who would
suddenly blame me for interference to

their blenders, and power tooth brushes.
:-)

Did I mention that the antenna also is
a bit stealthy?
No?

Well it is.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14007. Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 05:53:12 UTC
From: Tim
Topic: 13943  Message: 14007

"David Kiwerski, Senior Comm. Tech. OCSD Communications" wrote:

> I thought that this was an FT100 group? NOT an antenna discussion
> group?
> Dave WP2AAT
>

Ok, more to the point.
The B&W matches well with radios
like the FT100, providing efficient
operation without the loss of
transmitting power that accompanies
antennas with narrow operating
bandwidths.

Ok?

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14008. Re: mobile 80 foot loop (was 6-BTV, vrs. B&W)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 06:19:22 UTC
From: Tim
Topic: 14008  Message: 14008

Cliff Bryant wrote:

> It is, but trust me, the FT100 is no fun without a proper aerial.
> Subject: Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W
>

Ok, this gives me a point to bring up
my latest antenna situation.
We all know how much the lack of a
mobile antenna can put a crimp in our
mobile rag chewing.
No antenna, no fun.
Having said this, I'm also sure many of
you have struggled with the various
screwdriver, and bug-catcher designs..

These antennas really stick out.
Anywhere from four feet up to 10-12 feet
"out", or in most cases up. (depending on speed)
Then there is the width...
Can we say Plumbing Truck?
The smaller the car these things are mounted on,
the louder the XYL screams!

So I've been wondering, what would happen if
I could mount a SGC tuner on the roof rack, down
low, and for the antenna, instead of that expensive
whip they sell, I substitute about 80 feet of wire,
my roof will support about four loops, which could be
mounted temporary to confirm the best operation.
Then I could try a non metallic tube that would look
a lot like a roof rack basket, like Yakima makes.

The testing SGC did indicates that this size loop
does function well. In fact they are currently
making a kit they call the "Stealth Kit"

http://www.sgcworld.com/stealth/index.html

Hmmm, a wide band loop for mobile...
sounds interesting.
And no tree, traffic light, power line, or bug
catching.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14009. Re: [FT100] B&W and 160

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 06:59:41 UTC
From: Tim
Topic: 14009  Message: 14009

Ron Murdock wrote:

> Greetings from Yuba City,
> The B&W folded dipole is okay at the top end of 80m and up, but is a
>
> complete dummy load on 160.

Ron, I'm sorry to be always in the position
of supporting what is, only one of my antennas...
but I just have to ask...
Why?
Why would you pick a band that is at the edge
of the stated operating characteristics of the
antenna?
My older antenna is rated for 3.5 - 30.

I know the newer one says 1.8 - 30
but it really needs more wire to reach that
band. Adding more wire will get you what
you want, but it will change the upper band
operating characteristics.

> It easily fills with water in the two enclosed
> pvc assemblies, and will be unusable until it is drained and dried.
> My use
> of this antenna is limited to nice weather.

I wonder if B&W changed the design?
My antenna is sealed, and has never given me
any problems in any weather.

> I bought it based on the ad, a very bad mistake. When I questioned
> the
> factory rep, he said it had to be mounted 80 feet in the air in free
> space
> for it to have a chance to work on 160m. 'You can't change physics',
> he
> said. Indeed. This is contrary to the instructions included with the
>
> antenna as it comes from the manufacturer. The manufacturer will tell
> you
> one thing to sell the antenna, then revert to 'how stupid can you be?'
> when
> you question actual results.
> The antenna will load on 160m with an antenna tuner, but it is not a
> good

> radiator when mounted at 40 feet in most urban settings. I believe it
> to be
> a ripoff.
> 73, Ron, W6KJ
>

What about the other bands?
I do have room for a dipole for 160
if I wanted to use that band, but
I will admit that if you bought it to
operate on 160, you will have problems.

Question is, what is a "good" radiator
on 160 mounted at 40 feet?

If it's any help, I've seen these antennas
enlarged from an overall length of 90 feet
to about 140 feet, for use in the 1-2 MHz
bandwidth. You will need to get it up there
though. If you mount it as an inverted V
you only need to elevate the center. The one
I tried was at least 75 feet in the center,
and about 25 feet at the ends. It seemed to
work fine with no tuner. It was set up for
a field day and it had a collapsible center
mast, held in place by the antenna, as two
guys, and two more non-conductive lines
for a total of four guys.

I'd get ahold of a roll of copperweld and
replace your existing wires. The current
antenna is 45 feet X 2 feet each side with
three spacers, one near the center, the
second in the middle, and the third is at the
end. The one I used had four spacers on
either leg. The spacers are just pvc pipe, four
feet of which won't set you back too much.
That wire and solder as needed is all you
need.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14010. RE: [FT100] Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 11:15:21 UTC
From: Cliff Bryant
Topic: 13943  Message: 14010

Whoaa... down boy! No need to get personal.

Referring to a previous statement that the aerial in question outperforms a dipole on the higher bands.... well maybe (multiple wavelength antennas have 'gain') but are highly directional with lobes. They will never be as good as a dipole cut for resonance at the appropriate height - depending upon where you want to put the signal. Multiband aerials are always compromise by definition. Nobody is arguing that it 'doesn't work' or 'meet the claims' rather than it is not an efficient radiator - it can't be.

Regarding your statement about requiring a big dog to fend of neighbours from EMC issues caused by using a log periodic:

1. This proves my point - there must be more radiation from the log periodic to cause the problem. Athough if you did have a beam at 60 feet you would probably get less EMC problems unless they were in the near field.
2. It doesn't matter what the aerial is, if the power is going out you will/may get EMC issues unless the power is aimed away from the devices which suffer (almost impossible to do)
3. In Europe we have strict EMC directives which have cured a lot of these issues. Everybody including myself groaned when the EMC directives came in but we have all benefitted. If you have a neighbour with an EMC problem you simply have to cure it there is no other way.

How big is your garden? If you can put up dipoles for the bands you want to use you will get better performance. You may also want to feed the dipoles with twin feeder rather than coax.

I've no intention of teaching you or anyone to suck eggs by the way, just stating what I have found to be effective over the years.

Cliff, G4PZK

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: 08 May 2002 06:48
To: FT100@yahoogroups.com
Subject: [FT100] Re: 6-BTV, vrs. the 1.8 to 30 B&W

Cliff Bryant wrote:

> ... and people pay money for aerials like this? Amazing! Can I sell
> you
> a light bulb with a piece of wire at the end? :-)

Nope you'll need the money to purchase
a real antenna theory book. One without too
many pictures...
;-)

> "If you understand the fundamentals of antennas you would know that a
> dipole cannot cover the entire HF band with a flat SWR."
>
> There ain't no such animal unfortunately although a log periodic has
> made some inroads to this.
>
> Cliff, G4PZK
>

You are ignoring FACTS.

One.
It DOES cover the advertised bandwidth
with less than two to one SWR.

Two.
Despite spurious claims made here,
the antenna DOES perform at least
as good as most dipoles, and it
actually has GAIN on the upper bands.

Three.
No tuners, no power needed, no
radials, and it even dissipates static loaded
from wind, rain, and snow.

I'm not speculating, I've tested it.
Direct comparisons with tuned
full size dipoles. Of course...
It's not a Yagi, nor is it a
Log Periodic. Would I love to
own one of these?
Naturally.
I would of course also need a big dog
to scare off all my neighbors who would
suddenly blame me for interference to
their blenders, and power tooth brushes.
:-)

Did I mention that the antenna also is
a bit stealthy?
No?

Well it is.

Tim
KA2PKH

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14011. RE: [FT100] B&W and 160

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 11:25:10 UTC
From: Cliff Bryant
Topic: 14009  Message: 14011

"I know the newer one says 1.8 - 30
but it really needs more wire to reach that
band. Adding more wire will get you what
you want, but it will change the upper band
operating characteristics."

So it is a compromise aerial.

Cliff

Ron Murdock wrote:

> Greetings from Yuba City,
> The B&W folded dipole is okay at the top end of 80m and up, but is a
>
> complete dummy load on 160.

Ron, I'm sorry to be always in the position
of supporting what is, only one of my antennas...
but I just have to ask...
Why?
Why would you pick a band that is at the edge
of the stated operating characteristics of the
antenna?
My older antenna is rated for 3.5 - 30.

I know the newer one says 1.8 - 30
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operating characteristics.

> It easily fills with water in the two enclosed
> pvc assemblies, and will be unusable until it is drained and dried.
> My use
> of this antenna is limited to nice weather.

I wonder if B&W changed the design?
My antenna is sealed, and has never given me
any problems in any weather.

> I bought it based on the ad, a very bad mistake. When I questioned
> the
> factory rep, he said it had to be mounted 80 feet in the air in free
> space
> for it to have a chance to work on 160m. 'You can't change physics',
> he

> said. Indeed. This is contrary to the instructions included with the
>
> antenna as it comes from the manufacturer. The manufacturer will tell
> you
> one thing to sell the antenna, then revert to 'how stupid can you be?'
> when
> you question actual results.
> The antenna will load on 160m with an antenna tuner, but it is not a
> good
> radiator when mounted at 40 feet in most urban settings. I believe it
> to be
> a ripoff.
> 73, Ron, W6KJ
>

What about the other bands?
I do have room for a dipole for 160
if I wanted to use that band, but
I will admit that if you bought it to
operate on 160, you will have problems.

Question is, what is a "good" radiator
on 160 mounted at 40 feet?

If it's any help, I've seen these antennas
enlarged from an overall length of 90 feet
to about 140 feet, for use in the 1-2 MHz
bandwidth. You will need to get it up there
though. If you mount it as an inverted V
you only need to elevate the center. The one
I tried was at least 75 feet in the center,
and about 25 feet at the ends. It seemed to
work fine with no tuner. It was set up for
a field day and it had a collapsible center
mast, held in place by the antenna, as two
guys, and two more non-conductive lines
for a total of four guys.

I'd get ahold of a roll of copperweld and
replace your existing wires. The current
antenna is 45 feet X 2 feet each side with
three spacers, one near the center, the
second in the middle, and the third is at the
end. The one I used had four spacers on
either leg. The spacers are just pvc pipe, four
feet of which won't set you back too much.
That wire and solder as needed is all you
need.

Tim
KA2PKH

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[Non-text portions of this message have been removed]

# 14012. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 14:05:49 UTC
From: cardealers
Topic: 14012  Message: 14012

Why do you receive SPAM on a Yahoo!group?

Easy. The list is set so that anyone can join. "Robots" join lists and then post to them.

The owner can set the list to "moderated entry"... and a file is generated to be sent to pending members...and everyone who tries to join is sent an email requesting a valid callsign or a statement on their interest.

Often, the user ID *IS* a callsign so the choice to allow entry is obvious. The owner and moderator get an email from Yahoo! asking if the person can join. Click "reply" and they're in. Otherwise the owner/moderator waits for the email from the member giving the credentials, and goes to the "pending member" page to allow entry.

Robots do not read the mail so they don't "get" what to do. The owner cleans out any pending members over a period of time who haven't responded.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

# 14013. Re: [FT100] NEW TO THE FORUM

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 14:14:25 UTC
From: Dick Thompson
Topic: 13791  Message: 14013

OK, Chris. I recall reading that in one of the messages on the reflector.

I'm not going to mess with mine. I'm getting the power that I need and I've always said "If it isn't broke, don't fix it." :)

They are neat little boxes aren't they? I'm getting anxious to run mine in my camper this summer. I'm in the process of wiring the DC line. I installed the coax yesterday. I'll be using Hamsticks for that operation.

73,

Dick
WB0DUL@arrl.net

----- Original Message -----
From: Herbert Haslinger
To: FT100@yahoogroups.com
Sent: Tuesday, May 07, 2002 11:46 PM
Subject: Re: [FT100] NEW TO THE FORUM

Hey Dick!
No thats not the menue i mentioned to increase the HF power on your FT100...Its one of the hidden menues (no joke!!)

To activate the F-menues: Turn off the power.Press buttons A,B,C (all togther) and turn the radio on.
Scroll down to the last menue (i think its 65 or so) and you see the "F" menues. Scroll to the "F15" here you have the possibilty to adjust seperatly the Power for HF, 6m, 2m, 70cm.....
I did it on mine, it worked!!
I adjusted it with my MFJ dummyload & meter. So the radio has exactly 105W PEP when whistling on SSB, or around 70-90W when talking on SSB....
That´s what i wanted cause i use NO Linear, just a 2 El Monoband-Quad for 10m + the radio. "SMALL IS BEAUTIFUL".....

Hey man the more i get used to this lovely little radio the more i like it!!!!!!!!!!!!!!

73´s from
OE5CSP Chris

----- Originalnachricht -----
Von: "Dick Thompson" <wb0dul@...>
Datum: Mittwoch, Mai 8, 2002 5:32
Betreff: Re: [FT100] NEW TO THE FORUM

> Glad you got the problem resolved, Chris.
>

> My Menu F15 is Scope Monitor. Menu 21 is HF TX PO which I have
> set at 100.
>
> 73,
>
> Dick
> WB0DUL@...
>
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Tuesday, May 07, 2002 3:23 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> TNX for answer and info.
> I solved the problem with the low output on SSB (menue F15 is
> the way
> to go!!)
>
> And you are absolutely right! The box of the FT had a GREEN dot
> on it.
> So you think the mods have been done lately??!
>
> Anyway I am really happy with my new transceiver and that's the most
> important thing.
>
> Greetings from Chris OE5CSP
>
> -----Ursprüngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@...]
> Gesendet: Dienstag, 7. Mai 2002 02:57
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Hi Chris,
>
> If your serial number starts with 1N, then the radio was
> manufactured in
> December 2001. Yaesu starts with a C for January. So N would be
> December. That's the latest one I've heard about. It sounds
> like the
> fan mod at least has been done. That's a good deal.
>
> I'm not sure how you tell if the SWR mod has been done. Someone
> said a
> blue dot (or green) on the box indicated the mod(s) had been
> made to the
> radio.

>
> As for the power output, check it in CW mode. Don't count on a
> full 100
> watts in all modes.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: FT100@yahoogroups.com
> Sent: Monday, May 06, 2002 1:02 PM
> Subject: AW: [FT100] NEW TO THE FORUM
>
>
> Hi Dick!
> Sorry for late answer !! i was busy in the job.
>
> I was completely wrong, I mixed up the serial nr.. It starts
> with 1N
> so
> I think this unit must be produced in November 2001???
> The box has a green dot on it. I don't know what this means,
> but I can
> only tell you that the fans are running constantly.. so I
> think yaesu
> has done already the fan mod.
>
> I have a MH-42b microphone and It works great. Got some real good
> reports today on 10m
>
> 73´s OE5CSP Chris
>
> -----Ursprüngliche Nachricht-----
> Von: Dick Thompson [mailto:wb0dul@arrl.net]
> Gesendet: Mittwoch, 1. Mai 2002 20:53
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] NEW TO THE FORUM
>
> Welcome to the forum, Chris. Nice to have you aboard. Your
> manufacture
> date is the newest I've seen on here. The serial number must
> start with
> 2C. Right?
>
> I don't know whether anyone can really say for sure if the
> mods have
> been done on your new 100D. Do the fans run continually on
> VHF/UHF like

> they do on HF (when receiving)? If they do, then at least the
> fan mod
> has been done on yours. Also, mention has been made of a Blue
> dot on
> the label or box. Do you see anything like that?
>
> Let us know.
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: 35IR184/35SD184/35LD184
> To: 'FT100-Forum'
> Sent: Wednesday, May 01, 2002 4:13 AM
> Subject: [FT100] NEW TO THE FORUM
>
>
> Just to say hello from Austria to all members connected to
> this fine
> forum...
>
> I joined a few days ago, when I received my FT100D from the
> german dealer....
> Took me 8!!! Weeks to wait for it...But I am happy to have a
> unit of
> the
> latest production series... The serial nr. Production date
> January 2002!!!
> So I guess all the mods have been done??!! Anybody who can
> confirm this??
>
> Anyway it's a great little rig, and I really like it much
> even if I
> am
> only using it now for 2-3 days :-)))
>
> BTW thanks for this forum, I have got some real good infos
> about the
> FT100... I had to decide between IC706MKIIG and FT100D...
> Finally I
> think I have done the right thing!!!
>
> Greetings from Austria (NOT Australia, we have high
> mountains but NO
> kangaroos.... )
>
> Chris
> OE5CSP

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[Non-text portions of this message have been removed]

# 14014. Re: B&W and 160

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 17:18:32 UTC
From: Tim
Topic: 14009  Message: 14014

Cliff Bryant wrote:

> "I know the newer one says 1.8 - 30
> but it really needs more wire to reach that
> band. Adding more wire will get you what
> you want, but it will change the upper band
> operating characteristics."
>
> So it is a compromise aerial.
>
> Cliff

You missed the point, it's not compromise,
which by the way ALL multiband aerials,
and for that matter all aerials also contain.

The point was a lack of acceptable operating
on 160. The point being... that just like discones,
the B&W has a lower cutoff. You need to modify
the basic designs to get the lower frequencies.
In the B&W's case, it needs to be a bit longer to
effectively operate at the lower frequencies.

You add an element to discones to cover frequencies
outside of it's operating bandwidth, and you lengthen
the B&W to cover frequencies below it's operating
bandwidth.

We're Amateurs, we can modify our equipment,
AND antennas to work better...

See?
it sez so right here in my little handbook.
;-)

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14015. Re: [FT100] Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 17:57:23 UTC
From: Doncockream@cs.com
Topic: 13943  Message: 14015

Hasn't this topic been beat to death enough? I happen to like my
6BTV. It serves my purposes and that's all that matters. I also have a 20M
and 10M dipole that works great.
AB9EF

[Non-text portions of this message have been removed]

# 14016. RE: [FT100] Re: B&W and 160

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 20:31:42 UTC
From: Cliff Bryant
Topic: 14009  Message: 14016

I didn't miss the point at all. Keep using compromise aerials if you wish but a dipole as high as possible will always win.

Ask yourself how many serious dxers use aerials that present a good match from 1.8 to 30MHz with no gaps. All the serious LF dxers over here use verticals or high dipoles with some inverted V usage. Then there are the four square users and the odd high loop and beam guys but all single band or maybe two band matched systems.

Just out of interest how many years have you been at this aerial/antenna game?

Anyway if you are happy with your system then good luck to you and enjoy.

My best 73 Cliff, G4PZK

Cliff Bryant wrote:

> "I know the newer one says 1.8 - 30
> but it really needs more wire to reach that
> band. Adding more wire will get you what
> you want, but it will change the upper band
> operating characteristics."
>
> So it is a compromise aerial.
>
> Cliff

You missed the point, it's not compromise,
which by the way ALL multiband aerials,
and for that matter all aerials also contain.

The point was a lack of acceptable operating
on 160. The point being... that just like discones,
the B&W has a lower cutoff. You need to modify
the basic designs to get the lower frequencies.
In the B&W's case, it needs to be a bit longer to
effectively operate at the lower frequencies.

You add an element to discones to cover frequencies
outside of it's operating bandwidth, and you lengthen
the B&W to cover frequencies below it's operating
bandwidth.

We're Amateurs, we can modify our equipment,
AND antennas to work better...

See?
it sez so right here in my little handbook.
;-)

Tim
KA2PKH

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14017. RE: [FT100] Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 20:33:16 UTC
From: Cliff Bryant
Topic: 13943  Message: 14017

Point noted!

Subject: Re: [FT100] Re: 6-BTV, vrs. the 1.8 to 30 B&W

Hasn't this topic been beat to death enough? I happen to like my
6BTV. It serves my purposes and that's all that matters. I also have a
20M
and 10M dipole that works great.
AB9EF

[Non-text portions of this message have been removed]

# 14018. Re: FT-100D on Jeep Wrangler with ATAS-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 20:57:34 UTC
From: ab8jc
Topic: 13994  Message: 14018

Hi Brian,

I just got a 98 TJ Sport (only 27K miles!). I have an FT-817 and an Outbacker-style antenna. I also have a CB for non-ham communications during offroad trips, an FT-1500M for 2M FM & a scanner... so I need 4 antenna mounts. Am considering an FT-100 for a permanent vehicular rig but wanna see the '897 first & anything from the other big manufacturers at Dayton. Don't ask where I'm putting all these radios; I don't know yet! Tuffy, I think you're gonna get some of my $$ soon....

For the CB (full 102" SS whip) and the 7'+ Outbacker, I am going to order Teraflex brake light brackets http://www.teraflx.com/ or http://www.trailquest.com/teraflex/tj/tj_brake_extension.shtml that go between the body & the brake lights -- they bolt on using the brake light mounting bolts (there are three of them; unscrew the 4 screws holding the brake lens on & you can see them). It's a steel bracket, looks plenty thick & tough enough to me. Around $16 each plus shipping. Haven't entirely decided what to do about the 2M rig & scanner yet. Looking at Firestick fender mounts http://www.firestik.com/Catalog/SS-j4.htm but am of course concerned since there would be a ground plane under only one side of the antenna (probably will build a 2M sleeve dipole and just "deal with it" for the scanner).

I have seen pics of antennas mounted on the spare tire mount (and that was, in fact, my own first thought), but consider this: The number one problem in mobile installations is insufficient grounding. The spare tire mount is itself mounted to the tailgate. The tailgate is NOT BONDED ELECTRICALLY to the frame or the rest of the body. You would *HAVE* to add lots of braided ground straps to the frame from the tailgate -- thus you might end up having trouble opening the 'gate, not to mention the appearance problem. You'll have the antenna up high enough using something like the brake light mount (you don't need/want it up quite as high as you're talking about in your post, esp. if you off-road, but if you off-road, you'll probably want to remove the ATAS-100 first anyway).

I know both '706 owners & '100 owners. Both are generally happy with their purchases. Both groups have pet peeves and problems. The ATAS will probably work a bit better than the CB whip on 30/40M due to higher Q. But neither antenna is gonna be *great* there. You really wanna work the low bands mobile, get bugcatchers or *very* large diameter screwdrivers. Or try an autotuner with something for NVIS (though that could get interesting in a Jeep).

Steve AB8JC

# 14019. AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 21:14:55 UTC
From: Jim Lasswell
Topic: 11373  Message: 14019

Hi guys... I am trying to install an AM filter in my FT 100, and am up against a stump. HI. I very carefully raised the circuit board and found 2 places that the filter will fit into. One is marked FIL 1 and the other is marked FIL 2. Any one have any idea which one the filter should go into. Thank, AD6DW Jim.

[Non-text portions of this message have been removed]

# 14020. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 22:37:22 UTC
From: backhoefade
Topic: 11373  Message: 14020

The user's manual tells you which position is for the AM filter.
Or someone here can check their manual and tell you. I'm at work
right now so I don't have the info. It's near the back of the book.
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
>
> Hi guys... I am trying to install an AM filter in my FT 100, and
am up against a stump. HI. I very carefully raised the circuit board
and found 2 places that the filter will fit into. One is marked FIL 1
and the other is marked FIL 2. Any one have any idea which one the
filter should go into. Thank, AD6DW Jim.
>
> [Non-text portions of this message have been removed]

# 14021. Re: [FT100] Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 22:52:34 UTC
From: Jim Lasswell
Topic: 11373  Message: 14021

Thanks Chas
I looked a little harder and found it.
Some times it pays to read the book .
Thanks very much. 73 de AD6DW Jim
PS This little rig works better every time I turn it on and use it. Is is excellent on cw as well.

-------Original Message-------

From: FT100@yahoogroups.com
Date: Wednesday, May 08, 2002 3:38:15 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: AM filter

The user's manual tells you which position is for the AM filter.
Or someone here can check their manual and tell you. I'm at work
right now so I don't have the info. It's near the back of the book.
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
>
> Hi guys... I am trying to install an AM filter in my FT 100, and
am up against a stump. HI. I very carefully raised the circuit board
and found 2 places that the filter will fit into. One is marked FIL 1
and the other is marked FIL 2. Any one have any idea which one the
filter should go into. Thank, AD6DW Jim.
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14022. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 22:53:11 UTC
From: backhoefade
Topic: 11373  Message: 14022

I suggested that you to look in the manual in post 13827. Do you have
a manual?
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
>
> Hi guys... I am trying to install an AM filter in my FT 100, and
am up against a stump. HI. I very carefully raised the circuit board
and found 2 places that the filter will fit into. One is marked FIL 1
and the other is marked FIL 2. Any one have any idea which one the
filter should go into. Thank, AD6DW Jim.
>
> [Non-text portions of this message have been removed]

# 14023. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 22:56:22 UTC
From: backhoefade
Topic: 11373  Message: 14023

Ignor my last post. I sent it just before you replied so it looks
like I'm not listening but I am. After you get the filter in there
read the AM operating info at http://www.mods.dk
You will get good results. It's a good AM rig.
N6AF Chas

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Thanks Chas
> I looked a little harder and found it.
> Some times it pays to read the book .
> Thanks very much. 73 de AD6DW Jim
> PS This little rig works better every time I turn it on and use
it. Is is
> excellent on cw as well.
>
> -------Original Message-------
>
> From: FT100@y...
> Date: Wednesday, May 08, 2002 3:38:15 PM
> To: FT100@y...
> Subject: [FT100] Re: AM filter
>
> The user's manual tells you which position is for the AM filter.
> Or someone here can check their manual and tell you. I'm at work
> right now so I don't have the info. It's near the back of the book.
> N6AF Chas
>
> --- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> >
> > Hi guys... I am trying to install an AM filter in my FT 100,
and
> am up against a stump. HI. I very carefully raised the circuit
board
> and found 2 places that the filter will fit into. One is marked FIL
1
> and the other is marked FIL 2. Any one have any idea which one the
> filter should go into. Thank, AD6DW Jim.
> >
> > [Non-text portions of this message have been removed]
>
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>
>
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>
> We are all a part of this Lets make it as good as possible.
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>
> [Non-text portions of this message have been removed]

# 14024. fanspeed drops when transmitting

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 22:58:02 UTC
From: Peter van Daalen
Topic: 14024  Message: 14024

My FT100 PSU is a switched 22 amp SEC1223.
When in TX the PSU voltage stays perfectly constant ( 14 V ) but the set's fanspeed drops I guess abt 25%.
Is this normal ?
The set is till under warranty.

Peter PE1ECM

[Non-text portions of this message have been removed]

# 14025. Deaf VHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 23:44:09 UTC
From: federicobatarse
Topic: 14025  Message: 14025

HI, THIS IS FEDERICO, XE2NLM, A FRIEND OF MYNE HAVE a new ft-100d, but have a Deaf VHF , even FM Broadcast have very low s meter and audio.

does anybody can tell us if there is some software adyustments like tune up that we can do or it is better to send it to yaesu?

kind regards and 73
good dx

federico
xe2nlm

# 14026. Please remove from your list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 00:11:56 UTC
From: ke4cqw
Topic: 14026  Message: 14026

please remove me from your list the addresses are ke4cqw@...
and ke4cqw@.... I don't have time anymore but it was a
great site. 73 moe ke4cqw

# 14027. Re: [FT100] Deaf VHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 00:53:10 UTC
From: Dick Thompson
Topic: 14027  Message: 14027

Check Menu #56 and be sure it is set to SQL.

73,

Dick
WB0DUL@...
----- Original Message -----
From: federicobatarse
To: FT100@yahoogroups.com
Sent: Wednesday, May 08, 2002 5:44 PM
Subject: [FT100] Deaf VHF

HI, THIS IS FEDERICO, XE2NLM, A FRIEND OF MYNE HAVE a new ft-100d,
but have a Deaf VHF , even FM Broadcast have very low s meter and
audio.

does anybody can tell us if there is some software adyustments like
tune up that we can do or it is better to send it to yaesu?

kind regards and 73
good dx

federico
xe2nlm

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[Non-text portions of this message have been removed]

# 14028. LDG Tuners & One-Touch Tune

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 01:58:01 UTC
From: w4wb
Topic: 14028  Message: 14028

The FT-100D works great with either the LDG Electronics AT-11MP or RT-11 tuners. The only problem is getting the FT-100D to generate a stable tuning carrier without having to switch modes, etc.

The W4RT Electronics One-Touch Tune (OTT-100D) solves the problem. When the OTT-100D is used to connect the FT-100D and AT-11MP/RT-11 tuner, all that is need to tune is to just press the TUNE button on the LDG tuner. The 10:1 tuning range of the AT-11MP or RT-11 tuner offers significantly more flexibility in your antenna selection/design and application (compared to the maybe 3:1 range of the Yaesu tuner).

In addition, you can now have a tuner and still retain your ability to use the CAT!

If you are going to Dayton, please drop by Booth 114 (W4RT Electronics), which is across the aisle from Heil Sound, and see the FT-100D, LDG tuners, and OTT-100D in action. We plan to have some special Hamvention pricing on the products. The OTT-100D and LDG tuners will be available at Dayton.

73 de Barry - W4WB

# 14029. Re: Ford Trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 03:58:39 UTC
From: kc7gsg
Topic: 14002  Message: 14029

--- In FT100@y..., Dave Hornung <hornung@b...> wrote:
> NS7K
>
> I have a 2000 F-250, great truck. The only problem is the engine
EM.
> From past discussions I am given to under stand this is less of a
> problem with the Diesel. The rig on HF 40-80 with the engine
running is
> close to being usless.
>
> WB2SQR

I installed an FT-100 in a 2001 E250 cargo van and it works great. I have a little bit of "spark plug?" noise but the noise blanker takes care of it. I've made contacts into the Czech Republic and Uraguay while doing 75mph on 20 meters. The van has a 5.4l engine. I use an ATAS-100 mounted on the ladder rack on the roof. (yes, it's goofy looking but works great!) I didn't do any abnormal grounding other that grounding the ladder rack to the body and grounding the radio itself to the drivers seat mount because the radio is screwed to the plastic covering the transmission between the front seats. Hope this helps.

Sean

# 14030. Dead Recv thoughts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 03:10:03 UTC
From: J. Craswell
Topic: 14030  Message: 14030

I just fixed mine which had a bad -9Volt power supply to the front end. The fact that the HF is deaf also seems like this might be a similar problem. I waiting on a new part but you can pul the Choke from the output of the DC 2 DC converter (12 in -9 out) and put in a 9 Volt Battery (Backwards of course) if you see no -9 going to the main board. BTW the -9 stuff is underneith the PA board. I was able to fix mine but depending on your experience you might want to seek help elsewhere. Good luck!!!

73 de Jay Craswell W0VNE

# 14031. Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 03:13:14 UTC
From: J. Craswell
Topic: 1955  Message: 14031

I should have my FT-100 going again soon and wonder what Filters people are using? Is there a better or cheaper one available? I do a lot of SQL so I might go for the AM one. I've also been thinking how much fun this set would be on CW. Is the stock radio ok for SSB? At least in as far as Filtering goes? Thanks for letting me CONTINUE to ask all the dumb questions.

73 de Jay Craswell W0VNE

P.S. Crystal vrs Mechanical? Whats up with which?

# 14032. Re: [FT100] Please remove from your list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 05:32:34 UTC
From: j.essica
Topic: 14026  Message: 14032

Just for pure interest sake.
Why does this type of mail pop up now and again when at the bottom of every mail (that I receive) it shows the unsubscribe link??

James

----- Original Message -----
From: "ke4cqw" <ke4cqw@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, May 09, 2002 1:11 AM
Subject: [FT100] Please remove from your list

> please remove me from your list the addresses are ke4cqw@...
> and ke4cqw@.... I don't have time anymore but it was a
> great site. 73 moe ke4cqw
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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# 14033. Re: B&W vers. Godzilla

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 05:48:03 UTC
From: Tim
Topic: 14033  Message: 14033

Cliff Bryant wrote:

> I didn't miss the point at all. Keep using compromise aerials if you
> wish but a dipole as high as possible will always win.

Win what?
Oh, I see competition...
well here we agree, multiband antennas
are not the best for competition. They fill the
bill though for many compromising situations.

Now as to competition... well
THAT really is a horse of a different
color.

> Ask yourself how many serious dxers use aerials that present a good
> match from 1.8 to 30MHz with no gaps. All the serious LF dxers over
> here
> use verticals or high dipoles with some inverted V usage.

You a member of a gang?
(heh) I joke, but seriously, there are many factors
in competition. Extra points go to those who get 'em
up, way up, out in some forsaken patch of wilderness.
We call it EXtreme Communications (better known as
a DXpedition, or Field day.) Hey, there has to be some
way to grab those kids or we all are going to end up as
exhibits in a museum some day. The new radios like the
portable Yaesu, and yes mobile with the FT100D can really
fill the bill. Still it's the antenna that makes or breaks the
whole thing. Talk about compromise, just look at
what we use mobile. You don't ground that Bug Catcher,
or get the high current portion of the antenna above all that
metal, and you loose. If we're honest, big antennas like a full
size dipole on 160 really take real planning to construct, and
KEEP up in the field.

> Then there are
> the four square users and the odd high loop and beam guys but all
> single
> band or maybe two band matched systems.

Ever see a multi-tap loop array? Can you imagine
the effort that goes into lofting one of those? THAT'S
an antenna.

> Just out of interest how many years have you been at this
> aerial/antenna
> game?

More like decades...
If you know what an "Old Crow" is,
well... you know who you're talking to,
if not, I won't go into it.

> Anyway if you are happy with your system then good luck to you and
> enjoy.
>

It's not "my" system. I mean of course I do own
one, but I'm not the one that claims anything...
I'm just responding with some facts to the person
who originally wanted a suggestion and got rhetoric in
return.
I'd take a field of phased antennas if I could. You know
just like the ones you can see in the distance from Adak
National Forest...
;-)

> My best 73 Cliff, G4PZK

Is that your best?
Well...
OK

Your welcome,
(heh)

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14034. RE: [FT100] Re: B&W vers. Godzilla

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 06:38:25 UTC
From: Cliff Bryant
Topic: 14034  Message: 14034

Sorry you're having trouble with the language Tim...

1. Win as in better performance.

2. Member of a gang? What are you on about here?

3. What has 'Field Day' to do with the performamce of a 'broad band'
dipole?

4. "Big antennas like a 160m dipole take real planning to construct?
Err... no, I have one in my garden between two or three trees. And no my
garden is not the size of Sherwood Forest to continue the illeration
with 'Adak' forest.

5. Do I know what an Old Crow is? Do you know what an engineer is and
does?

6. Sorry you don't like my 73, if you wish to be rude that's fine by
me.

Bye

Cliff

Cliff Bryant wrote:

> I didn't miss the point at all. Keep using compromise aerials if you
> wish but a dipole as high as possible will always win.

Win what?
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metal, and you loose. If we're honest, big antennas like a full
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> Then there are
> the four square users and the odd high loop and beam guys but all
> single
> band or maybe two band matched systems.

Ever see a multi-tap loop array? Can you imagine
the effort that goes into lofting one of those? THAT'S
an antenna.

> Just out of interest how many years have you been at this
> aerial/antenna
> game?

More like decades...
If you know what an "Old Crow" is,
well... you know who you're talking to,
if not, I won't go into it.

> Anyway if you are happy with your system then good luck to you and
> enjoy.
>

It's not "my" system. I mean of course I do own
one, but I'm not the one that claims anything...
I'm just responding with some facts to the person
who originally wanted a suggestion and got rhetoric in
return.
I'd take a field of phased antennas if I could. You know
just like the ones you can see in the distance from Adak
National Forest...
;-)

> My best 73 Cliff, G4PZK

Is that your best?
Well...
OK

Your welcome,
(heh)

Tim
KA2PKH

[Non-text portions of this message have been removed]

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<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=1046314/R=1/*http://www.ediets.com/start.cfm?code=3225>

<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=1046314/R=2/*http://www.ediets.com/start.cfm?code=3225>

Height: 4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in
Weight:
Sex: F M

<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egroupmail/S=1705063108:HM/A=1046314/rand=854606608>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14035. Re: B&W vers. Godzilla

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 08:34:54 UTC
From: Tim
Topic: 14034  Message: 14035

Cliff Bryant wrote:

> Sorry you're having trouble with the language Tim...
> 1. Win as in better performance.

Ok

> 2. Member of a gang? What are you on about here?

sorry, it was a joke,
better luck next time...

> 3. What has 'Field Day' to do with the performamce of a 'broad band'
> dipole?

as any ranger squad...
O I forgot, you don't get the joke.
Ok in plain language in the field you need
performance you can carry on your back.

> 4. "Big antennas like a 160m dipole take real planning to construct?
> Err... no, I have one in my garden between two or three trees. And no
> my
> garden is not the size of Sherwood Forest to continue the illeration
> with 'Adak' forest.

Ok, I see, you really don't know
about The Adak National Forest
do you? If you have any buddies
who happen to be in the military ask
them, they could use a laugh too.

> 5. Do I know what an Old Crow is? Do you know what an engineer is and
> does?

Answering a question with a question
indicates you don't know...
ok

> 6. Sorry you don't like my 73, if you wish to be rude that's fine by
> me.

Not rude, I wasn't the one questioning
"how many years in the antenna biz"
But I did ask questions... and got the
answers.

No problems mate.

> Bye

Bye

[Non-text portions of this message have been removed]

# 14036. Re: [FT100] Please remove from your list

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 13:02:24 UTC
From: Pres Waterman
Topic: 14026  Message: 14036

> Just for pure interest sake.
> Why does this type of mail pop up now and again when at the bottom of
every
> mail (that I receive) it shows the unsubscribe link??
>
> James
>
>
> ----- Original Message -----
> From: "ke4cqw" <ke4cqw@...>
> To: <FT100@yahoogroups.com>
> Sent: Thursday, May 09, 2002 1:11 AM
> Subject: [FT100] Please remove from your list
>
>
> > please remove me from your list the addresses are ke4cqw@...
> > and ke4cqw@.... I don't have time anymore but it was a
> > great site. 73 moe ke4cqw

Because Moe doesn't have time to read. And because he believes there are magic people sitting around who do nothing but take care of his email.

Thanks

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 14037. Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 15:29:42 UTC
From: backhoefade
Topic: 1955  Message: 14037

It comes with the SSB filter (2.4 kHz or there-abouts).
You want the 500 Hz filter for CW. I run CW much of the time.
For AM operation and SWLing AM stations you need the 6 kHz filter.
See my post at http://www.mods.dk regarding AM operation.
Have fun. Great rig!

N6AF Chas

--- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> I should have my FT-100 going again soon and wonder what Filters
people are
> using? Is there a better or cheaper one available? I do a lot of
SQL so I
> might go for the AM one. I've also been thinking how much fun this
set
> would be on CW. Is the stock radio ok for SSB? At least in as far
as
> Filtering goes? Thanks for letting me CONTINUE to ask all the dumb
> questions.
>
> 73 de Jay Craswell W0VNE
>
> P.S. Crystal vrs Mechanical? Whats up with which?

# 14038. RE: [FT100] Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 15:33:28 UTC
From: Paul Henning
Topic: 1955  Message: 14038

Can you actually install both the CW and AM filter in the radio. The manual seemed to imply one or the other could be installed but not both.

Great radio!

Paul N. Henning
K9PH
Director of Research and Development
Amtelco
4800 Curtin Drive
McFarland, Wisconsin 53558 USA
Voice - +1 (608)838-4194
FAX - +1 (608)838-8367
e-mail - paul@...
web - http://www.amtelcom.com

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, May 09, 2002 10:30 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Filters

It comes with the SSB filter (2.4 kHz or there-abouts).
You want the 500 Hz filter for CW. I run CW much of the time.
For AM operation and SWLing AM stations you need the 6 kHz filter.
See my post at http://www.mods.dk <http://www.mods.dk> regarding AM operation.
Have fun. Great rig!

N6AF Chas

--- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> I should have my FT-100 going again soon and wonder what Filters people are
> using? Is there a better or cheaper one available? I do a lot of SQL so I
> might go for the AM one. I've also been thinking how much fun this set
> would be on CW. Is the stock radio ok for SSB? At least in as far as
> Filtering goes? Thanks for letting me CONTINUE to ask all the dumb
> questions.
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<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egroupmail/S=1705063108:HM/A=1036975/rand=433967836>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html
<http://www.k0lee.com/ft100faq.html>

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[Non-text portions of this message have been removed]

# 14039. ft-100d deaf vhf

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 16:26:22 UTC
From: Federico Batarse
Topic: 14039  Message: 14039

hi, Dick, we have read your advise, but i notice on fm and WFM there seems to me the rf gain do not work, but anyway we are gone to try on menu#56 at SQL

kind regards
federico batarse

Message: 18
Date: Wed, 8 May 2002 18:53:10 -0600
From: "Dick Thompson" <wb0dul@...>
Subject: Re: Deaf VHF

Check Menu #56 and be sure it is set to SQL.

73,

Dick
WB0DUL@...
----- Original Message -----
From: federicobatarse
To: FT100@yahoogroups.com
Sent: Wednesday, May 08, 2002 5:44 PM
Subject: [FT100] Deaf VHF

HI, THIS IS FEDERICO, XE2NLM, A FRIEND OF MYNE HAVE a new ft-100d, but have a Deaf VHF , even FM Broadcast have very low s meter and audio.

does anybody can tell us if there is some software adyustments like tune up that we can do or it is better to send it to yaesu?

kind regards and 73
good dx

federico
xe2nlm

Federico Batarse
XE2NLM :73!

please visit this site:
http://www.vk.com.mx

(El texto no tiene acentos para facilitar su lectura)

[Non-text portions of this message have been removed]

# 14040. Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 17:05:52 UTC
From: backhoefade
Topic: 1955  Message: 14040

The radio can hold up to three filters total.
In mine I have the "SSB" filter, the 500 Hz CW filter and the 6 kHz
AM filter. Very versatile! Neat rig!
N6AF Chas

One note: I have heard that the 300 Hz CW filter is "troublesome" to
use in conjunction with the DSP bandpass filtering and really doesn't
help in crowded band conditions over the 500 Hz filter due to its
more moderate skirt roll-off. So I would go with the 500 Hz
CW "standard". I can tell you personally that the 500 Hz filter in
conjunction with the DSP bandpass dialed to 120 Hz is great during
crowded CW conditions.

--- In FT100@y..., Paul Henning <paul@a...> wrote:
> Can you actually install both the CW and AM filter in the radio.
The manual
> seemed to imply one or the other could be installed but not both.
>
> Great radio!
>
> Paul N. Henning
> K9PH
> Director of Research and Development
> Amtelco
> 4800 Curtin Drive
> McFarland, Wisconsin 53558 USA
> Voice - +1 (608)838-4194
> FAX - +1 (608)838-8367
> e-mail - paul@a...
> web - http://www.amtelcom.com
>
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Thursday, May 09, 2002 10:30 AM
> To: FT100@y...
> Subject: [FT100] Re: Filters
>
> It comes with the SSB filter (2.4 kHz or there-abouts).
> You want the 500 Hz filter for CW. I run CW much of the time.
> For AM operation and SWLing AM stations you need the 6 kHz filter.
> See my post at http://www.mods.dk <http://www.mods.dk> regarding
AM
> operation.
> Have fun. Great rig!

>
> N6AF Chas
>
> --- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> > I should have my FT-100 going again soon and wonder what Filters
> people are
> > using? Is there a better or cheaper one available? I do a lot
of
> SQL so I
> > might go for the AM one. I've also been thinking how much fun
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> set
> > would be on CW. Is the stock radio ok for SSB? At least in as
far
> as
> > Filtering goes? Thanks for letting me CONTINUE to ask all the
dumb
> > questions.
> >
> > 73 de Jay Craswell W0VNE
> >
> > P.S. Crystal vrs Mechanical? Whats up with which?
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<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=17
050631
> 08:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
Click Here!
>
>
> <http://us.adserver.yahoo.com/l?
M=194081.2053425.3521449.1829184/D=egroupmai
> l/S=1705063108:HM/A=1036975/rand=433967836>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> <http://www.k0lee.com/ft100faq.html>
>

> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/> .
>
>
> [Non-text portions of this message have been removed]

# 14041. Re: [FT100] Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 18:02:51 UTC
From: Pres Waterman
Topic: 1955  Message: 14041

> Can you actually install both the CW and AM filter in the radio. The
manual
> seemed to imply one or the other could be installed but not both.

Yes, although I had some dingleberry tell me once that it is impossible.
Even though the radio is sitting there, with both in.

Thanks

Pres Waterman, W2PW
c/o Patchogue 112 Ford//Kia 112
Long Island Ford and Kia Dealer

GO BILLS!

# 14042. Re: [FT100] Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 18:32:26 UTC
From: Jim Lasswell
Topic: 1955  Message: 14042

Hi Chas. Jim here AD6DW
I put in that AM filter an dnow the dang thing will not key up on HF . Any sugestions as to what may have done. ?????

-------Original Message-------

From: FT100@yahoogroups.com
Date: Thursday, May 09, 2002 10:06:01 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Filters

The radio can hold up to three filters total.
In mine I have the "SSB" filter, the 500 Hz CW filter and the 6 kHz AM filter. Very versatile! Neat rig!
N6AF Chas

One note: I have heard that the 300 Hz CW filter is "troublesome" to use in conjunction with the DSP bandpass filtering and really doesn't help in crowded band conditions over the 500 Hz filter due to its more moderate skirt roll-off. So I would go with the 500 Hz CW "standard". I can tell you personally that the 500 Hz filter in conjunction with the DSP bandpass dialed to 120 Hz is great during crowded CW conditions.

--- In FT100@y..., Paul Henning <paul@a...> wrote:
> Can you actually install both the CW and AM filter in the radio. The manual
> seemed to imply one or the other could be installed but not both.
>
> Great radio!
>
> Paul N. Henning
> K9PH
> Director of Research and Development
> Amtelco
> 4800 Curtin Drive
> McFarland, Wisconsin 53558 USA
> Voice - +1 (608)838-4194
> FAX - +1 (608)838-8367
> e-mail - paul@a...
> web - http://www.amtelcom.com
>
>
> -----Original Message-----
> From: backhoefade [mailto:cgarner@h...]
> Sent: Thursday, May 09, 2002 10:30 AM

> To: FT100@y...
> Subject: [FT100] Re: Filters
>
> It comes with the SSB filter (2.4 kHz or there-abouts).
> You want the 500 Hz filter for CW. I run CW much of the time.
> For AM operation and SWLing AM stations you need the 6 kHz filter.
> See my post at http://www.mods.dk <http://www.mods.dk> regarding
AM
> operation.
> Have fun. Great rig!
>
> N6AF Chas
>
> --- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> > I should have my FT-100 going again soon and wonder what Filters
> people are
> > using? Is there a better or cheaper one available? I do a lot
of
> SQL so I
> > might go for the AM one. I've also been thinking how much fun
this
> set
> > would be on CW. Is the stock radio ok for SSB? At least in as
far
> as
> > Filtering goes? Thanks for letting me CONTINUE to ask all the
dumb
> > questions.
> >
> > 73 de Jay Craswell W0VNE
> >
> > P.S. Crystal vrs Mechanical? Whats up with which?
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050631
>08:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
Click Here!
>
>
> <http://us.adserver.yahoo.com/l?

M=194081.2053425.3521449.1829184/D=egroupmai<
BR>>l/S=1705063108:HM/A=1036975/rand=433967836>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
> <http://www.k0lee.com/ft100faq.html>
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
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>
> [Non-text portions of this message have been removed]

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14043. Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 18:50:25 UTC
From: backhoefade
Topic: 1955  Message: 14043

There's no way to trouble-shoot effectively through this web-site.
Common sense tells me that you should not have affected any mode of
operation (except for adding 6 kHz filter selection of course!).
So I would just power up the rig, make sure it's in SSB mode with the
MODE button and make sure that the 2.4 kHz filter is selected in the
filter selection menu. Then you should hear stations and, with a
proper antenna, be able to transmit (given that your basic settings
are OK such as mic gain, transmit power, etc). You know all this
stuff because you've been using the rig - or are you a brand new
owner? If you can't get the thing to transmit in SSB or CW mode and
you're sure all your settings are normal then I would sadly guess
that you have a problem inside that came about when you installed the
filter. But first try to get it to function as you have before. If
it still doesn't transmit then you can open it up and carefully check
all the ribbon cables to make sure they are fully seated in their PC
board sockets. That's what got me - one of the ribbon cables wasn't
fully in its socket. Don't worry too much - it can only likely be
one connector that's not seated.

Did you follow the instructions about the menu set-up to enable the
6 kHz filter that's in the back of the Manual? That shouldn't affect
SSB and CW operation but maybe somehow that's involved.
Chas N6AF

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Chas. Jim here AD6DW
> I put in that AM filter an dnow the dang thing will not key up on
HF . Any
> sugestions as to what may have done. ?????
>
> -------Original Message-------
>
> From: FT100@y...
> Date: Thursday, May 09, 2002 10:06:01 AM
> To: FT100@y...
> Subject: [FT100] Re: Filters
>
> The radio can hold up to three filters total.
> In mine I have the "SSB" filter, the 500 Hz CW filter and the 6 kHz
> AM filter. Very versatile! Neat rig!
> N6AF Chas
>
> One note: I have heard that the 300 Hz CW filter is "troublesome"
to
> use in conjunction with the DSP bandpass filtering and really

doesn't
> help in crowded band conditions over the 500 Hz filter due to its
> more moderate skirt roll-off. So I would go with the 500 Hz
> CW "standard". I can tell you personally that the 500 Hz filter in
> conjunction with the DSP bandpass dialed to 120 Hz is great during
> crowded CW conditions.
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> --- In FT100@y..., Paul Henning <paul@a...> wrote:
> > Can you actually install both the CW and AM filter in the radio.
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> > Paul N. Henning
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> > e-mail - paul@a...
> > web - http://www.amtelcom.com
> >
> >
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Thursday, May 09, 2002 10:30 AM
> > To: FT100@y...
> > Subject: [FT100] Re: Filters
> >
> > It comes with the SSB filter (2.4 kHz or there-abouts).
> > You want the 500 Hz filter for CW. I run CW much of the time.
> > For AM operation and SWLing AM stations you need the 6 kHz filter.
> > See my post at http://www.mods.dk <http://www.mods.dk>
regarding
> AM
> > operation.
> > Have fun. Great rig!
> >
> > N6AF Chas
> >
> > --- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> > > I should have my FT-100 going again soon and wonder what
Filters
> > people are
> > > using? Is there a better or cheaper one available? I do a lot
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> > > might go for the AM one. I've also been thinking how much fun
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> > > questions.
> > >
> > > 73 de Jay Craswell W0VNE
> > >
> > > P.S. Crystal vrs Mechanical? Whats up with which?
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<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=17
> 050631
> >08:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
> Click Here!
> >
> >
> > <http://us.adserver.yahoo.com/l?
> M=194081.2053425.3521449.1829184/D=egroupmai<
> BR>>l/S=1705063108:HM/A=1036975/rand=433967836>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > <http://www.k0lee.com/ft100faq.html>
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
> > <http://docs.yahoo.com/info/terms/> .
> >
> >
> > [Non-text portions of this message have been removed]

>
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>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
> [Non-text portions of this message have been removed]

# 14044. Re: [FT100] Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 20:18:22 UTC
From: Jim Lasswell
Topic: 1955  Message: 14044

Thanks Chas. I have already tried all that and it still won't send out a carrier on HF.
I guess its off to Yaesy down south. Thanks much for the help. de Jim AD6DW

-------Original Message-------

From: FT100@yahoogroups.com
Date: Thursday, May 09, 2002 11:51:42 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Filters

There's no way to trouble-shoot effectively through this web-site. Common sense tells me that you should not have affected any mode of operation (except for adding 6 kHz filter selection of course!). So I would just power up the rig, make sure it's in SSB mode with the MODE button and make sure that the 2.4 kHz filter is selected in the filter selection menu. Then you should hear stations and, with a proper antenna, be able to transmit (given that your basic settings are OK such as mic gain, transmit power, etc). You know all this stuff because you've been using the rig - or are you a brand new owner? If you can't get the thing to transmit in SSB or CW mode and you're sure all your settings are normal then I would sadly guess that you have a problem inside that came about when you installed the filter. But first try to get it to function as you have before. If it still doesn't transmit then you can open it up and carefully check all the ribbon cables to make sure they are fully seated in their PC board sockets. That's what got me - one of the ribbon cables wasn't fully in its socket. Don't worry too much - it can only likely be one connector that's not seated.

Did you follow the instructions about the menu set-up to enable the 6 kHz filter that's in the back of the Manual? That shouldn't affect SSB and CW operation but maybe somehow that's involved.
Chas N6AF

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Chas. Jim here AD6DW
> I put in that AM filter an dnow the dang thing will not key up on HF . Any
> sugestions as to what may have done. ?????
>
> -------Original Message-------
>
> From: FT100@y...
> Date: Thursday, May 09, 2002 10:06:01 AM
> To: FT100@y...

> Subject: [FT100] Re: Filters
>
> The radio can hold up to three filters total.
> In mine I have the "SSB" filter, the 500 Hz CW filter and the 6 kHz
> AM filter. Very versatile! Neat rig!
> N6AF Chas
>
> One note: I have heard that the 300 Hz CW filter is "troublesome"
to
> use in conjunction with the DSP bandpass filtering and really
doesn't
> help in crowded band conditions over the 500 Hz filter due to its
> more moderate skirt roll-off. So I would go with the 500 Hz
> CW "standard". I can tell you personally that the 500 Hz filter in
> conjunction with the DSP bandpass dialed to 120 Hz is great during
> crowded CW conditions.
>
> --- In FT100@y..., Paul Henning <paul@a...> wrote:
> > Can you actually install both the CW and AM filter in the radio.
> The manual
> > seemed to imply one or the other could be installed but not both.
> >
> > Great radio!
> >
> > Paul N. Henning
> > K9PH
> > Director of Research and Development
> > Amtelco
> > 4800 Curtin Drive
> > McFarland, Wisconsin 53558 USA
> > Voice - +1 (608)838-4194
> > FAX - +1 (608)838-8367
> > e-mail - paul@a...
> > web - http://www.amtelcom.com
> >
> >
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Thursday, May 09, 2002 10:30 AM
> > To: FT100@y...
> > Subject: [FT100] Re: Filters
> >
> > It comes with the SSB filter (2.4 kHz or there-abouts).
> > You want the 500 Hz filter for CW. I run CW much of the time.
> > For AM operation and SWLing AM stations you need the 6 kHz filter.
> > See my post at http://www.mods.dk <http://www.mods.dk>
regarding
> AM
> > operation.
> > Have fun. Great rig!

> >
> > N6AF Chas
> >
> > --- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> > > I should have my FT-100 going again soon and wonder what
Filters
> > people are
> > > using? Is there a better or cheaper one available? I do a lot
> of
> > SQL so I
> > > might go for the AM one. I've also been thinking how much fun
> this
> > set
> > > would be on CW. Is the stock radio ok for SSB? At least in as
> far
> > as
> > > Filtering goes? Thanks for letting me CONTINUE to ask all the
> dumb
> > > questions.
> > >
> > > 73 de Jay Craswell W0VNE
> > >
> > > P.S. Crystal vrs Mechanical? Whats up with which?
> >
> >
> >
> >
> >
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>
<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=17
> 050631
>>08:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
> Click Here!
> >
> >
> > <http://us.adserver.yahoo.com/l?
>M=194081.2053425.3521449.1829184/D=egroupmai<<
BR>>BR>>l/S=1705063108:HM/A=1036975/rand=433967836>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html

> > <http://www.k0lee.com/ft100faq.html>
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
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> >
> >
> > [Non-text portions of this message have been removed]
>
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> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14045. Re: [FT100] ft-100d deaf vhf

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 23:02:49 UTC
From: Dick Thompson
Topic: 14039  Message: 14045

It may not be the answer, Federico, but anything is worth a try. Let me know if it works.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Federico Batarse
To: WB0DUL@... ; Juan De Dios Salazar ; FT100@yahoogroups.com
Sent: Thursday, May 09, 2002 10:26 AM
Subject: [FT100] ft-100d deaf vhf

hi, Dick, we have read your advise, but i notice on fm and WFM there seems to me the rf gain do not work, but anyway we are gone to try on menu#56 at SQL

kind regards
federico batarse

Message: 18
Date: Wed, 8 May 2002 18:53:10 -0600
From: "Dick Thompson" <wb0dul@...>
Subject: Re: Deaf VHF

Check Menu #56 and be sure it is set to SQL.

73,

Dick
WB0DUL@...
----- Original Message -----
From: federicobatarse
To: FT100@yahoogroups.com
Sent: Wednesday, May 08, 2002 5:44 PM
Subject: [FT100] Deaf VHF

HI, THIS IS FEDERICO, XE2NLM, A FRIEND OF MYNE HAVE a new ft-100d,
but have a Deaf VHF , even FM Broadcast have very low s meter and
audio.

does anybody can tell us if there is some software adyustments like
tune up that we can do or it is better to send it to yaesu?

kind regards and 73
good dx

federico
xe2nlm

Federico Batarse
XE2NLM :73!

please visit this site:
http://www.vk.com.mx

(El texto no tiene acentos para facilitar su lectura)

[Non-text portions of this message have been removed]

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14046. FT-100 Update

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 23:42:31 UTC
From: n8uvq@juno.com
Topic: 14046  Message: 14046

Today, 09-May-02, Yaesu called. My FT-100 departed from Cerritos
yesterday via UPS Orange label. Yeasu has had my rig since its
arrival on 22-March-02. When I have it in hand, I'll tell the list what
warranty repairs were done as well as part replacement.
-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

_____
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# 14047. Re: FT-100 Update

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 23:50:43 UTC
From: backhoefade
Topic: 14046  Message: 14047

Why did you send it in originally?

--- In FT100@y..., n8uvq@j... wrote:
> Today, 09-May-02, Yaesu called. My FT-100 departed from Cerritos
> yesterday via UPS Orange label. Yeasu has had my rig since its
> arrival on 22-March-02. When I have it in hand, I'll tell the list
what
> warranty repairs were done as well as part replacement.
> -
>
**********
**********
> Mark
> - N8UVQ - e-mail: N8UVQ@j...
>
**********
**********
>
>
> _____
> GET INTERNET ACCESS FROM JUNO!
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# 14048. RE: [FT100] Re: Has Been Vs 21st Century - A disagreement.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 00:35:12 UTC
From: Cliff Bryant
Topic: 14048  Message: 14048

1. Glad we sorted that out it was an easy starter for you.

2. Joke? Really? Please provide a warning in future so we know when to laugh (just to be polite that is). Apology accepted by the way.

3. Again what are you on about?

4. You obviously haven't seen the three small trees in Sherwood Forest either. Again nothing to do with the question of using a compromise aerial. Incidentally you should have written Adak 'forest' not 'Adak' forest. Look up how to use quotation marks for the next email.

5. Old Crow - What have aeroplanes (primitive ones with pistons at that) got to do with a compromise aerial? As for military 'buddies' you must be joking. Maybe you need to 'belong' to a military group, the military isn't really known for thinkers is it?

6. Simply interested why you had no concept of a compromise aerial vs a decent aerial, whether it was because you were new to the hobby. Since you indicate to be an 'Old Crow' your breadth of knowledge is astounding.

Anyway, OM, since you are unable to conclude a discussion about a broadband dipole versus a conventional system without digressing about 'forests', the military and harking back to 'glory' days with references to 'Old Crow' aeroplanes there would seem no point in continuing further.

Yep, you asked questions for sure, a little slow learning the answers maybe but you are getting there.

:-)

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: 09 May 2002 09:35
To: FT100@yahoogroups.com
Subject: [FT100] Re: B&W vers. Godzilla

Cliff Bryant wrote:

> Sorry you're having trouble with the language Tim...
> 1. Win as in better performance.

Ok

> 2. Member of a gang? What are you on about here?

sorry, it was a joke,
better luck next time...

> 3. What has 'Field Day' to do with the performamce of a 'broad band'
> dipole?

as any ranger squad...
O I forgot, you don't get the joke.
Ok in plain language in the field you need
performance you can carry on your back.

> 4. "Big antennas like a 160m dipole take real planning to construct?
> Err... no, I have one in my garden between two or three trees. And no
> my
> garden is not the size of Sherwood Forest to continue the illeration
> with 'Adak' forest.

Ok, I see, you really don't know
about The Adak National Forest
do you? If you have any buddies
who happen to be in the military ask
them, they could use a laugh too.

> 5. Do I know what an Old Crow is? Do you know what an engineer is and
> does?

Answering a question with a question
indicates you don't know...
ok

> 6. Sorry you don't like my 73, if you wish to be rude that's fine by
> me.

Not rude, I wasn't the one questioning
"how many years in the antenna biz"
But I did ask questions... and got the
answers.

No problems mate.

> Bye

Bye

[Non-text portions of this message have been removed]

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063108:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
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<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egroupmail/S=1705063108:HM/A=1036975/rand=901331706>

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[Non-text portions of this message have been removed]

# 14049. Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 01:09:16 UTC
From: vmi_1979
Topic: 14049  Message: 14049

My antenna either works great when auto tuning or manual or does not work at all (no motor sound or anything). There seems to be no rhyme or reason to when it works or not. When not working, the radio indicates that it is transmitting and the tuning icon is on. At this point the antenna will not move, either in auto or manually. The icon will time out after a couple of minutes. Any suggestions or insight would be greatly appreciated.

# 14050. Re: FT-100 Update

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 02:02:32 UTC
From: n8uvq@juno.com
Topic: 14046  Message: 14050

On Thu, 09 May 2002 23:50:43 -0000 "backhoefade" <cgarner@...>
writes:
Why did you send it in originally?

The following is a copy of my original post describing the problems with
my FT-100.
I believe I posted the message on 09-March-02

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Looks like my FT-100 needs to return home to Cerritos. On ten meters
through a tuner into a dummy load the high SWR icon appears. I can not
adjust the SWR via the tuner, even when the power setting is on 5 (~5
watts).
The tuner and associated cables test good with a VOM. If I switch to an
older Kenwood rig or a friend's FT-817 and keep everything else the same,
I can adjust the SWR. Doesn't look like my tuner or cable is the
problem.
Never attempted adjusting with an antenna connected.

Signal strength of a local 2 meter repeater (~4 miles away) & NWS
decrease as the rig heats up. Yes, the fans do not run. Usually I use
the rig for
HF, but I feel this also needs addressed by Yaesu.

Fortunately, it's under warranty. My FT-100 was purchased in June 2001.
Its serial number is 9J100xxx. What is the average turn around time for
warranty repairs? Has anyone some pointers to possibly accelerate the
process?
Should I ask them to do all the mods and updates? Or do they do the mods
&
updates without asking?

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

---
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~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

# 14051. Re: [FT100] Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 02:09:58 UTC
From: David F. Morse
Topic: 14049  Message: 14051

Its found a less than 3:1 vswr and does not need to move.
David in Denver
k0dar
////////////

>My antenna either works great when auto tuning or manual or does not
>work at all (no motor sound or anything). There seems to be no rhyme
>or reason to when it works or not. When not working, the radio
>indicates that it is transmitting and the tuning icon is on. At this
>point the antenna will not move, either in auto or manually. The
>icon will time out after a couple of minutes. Any suggestions or
>insight would be greatly appreciated.

--

# 14052. RE: [FT100] Re: Has Been Vs 21st Century - A disagreement.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 02:16:50 UTC
From: lacy arrison
Topic: 14048  Message: 14052

Cliff Bryant <CliffB@...> wrote: 1. Glad we sorted that out it was an easy starter for you.

2. Joke? Really? Please provide a warning in future so we know when to laugh (just to be polite that is). Apology accepted by the way.

3. Again what are you on about?

4. You obviously haven't seen the three small trees in Sherwood Forest either. Again nothing to do with the question of using a compromise aerial. Incidentally you should have written Adak 'forest' not 'Adak' forest. Look up how to use quotation marks for the next email.

5. Old Crow - What have aeroplanes (primitive ones with pistons at that) got to do with a compromise aerial? As for military 'buddies' you must be joking. Maybe you need to 'belong' to a military group, the military isn't really known for thinkers is it?

6. Simply interested why you had no concept of a compromise aerial vs a decent aerial, whether it was because you were new to the hobby. Since you indicate to be an 'Old Crow' your breadth of knowledge is astounding.

Anyway, OM, since you are unable to conclude a discussion about a broadband dipole versus a conventional system without digressing about 'forests', the military and harking back to 'glory' days with references to 'Old Crow' aeroplanes there would seem no point in continuing further.

Yep, you asked questions for sure, a little slow learning the answers maybe but you are getting there.

:-)

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: 09 May 2002 09:35
To: FT100@yahoogroups.com
Subject: [FT100] Re: B&W vers. Godzilla

Cliff Bryant wrote:

> Sorry you're having trouble with the language Tim...
> 1. Win as in better performance.

Ok

> 2. Member of a gang? What are you on about here?

sorry, it was a joke,
better luck next time...

> 3. What has 'Field Day' to do with the performamce of a 'broad band'
> dipole?

as any ranger squad...
O I forgot, you don't get the joke.
Ok in plain language in the field you need
performance you can carry on your back.

> 4. "Big antennas like a 160m dipole take real planning to construct?
> Err... no, I have one in my garden between two or three trees. And no
> my
> garden is not the size of Sherwood Forest to continue the illeration
> with 'Adak' forest.

Ok, I see, you really don't know
about The Adak National Forest
do you? If you have any buddies
who happen to be in the military ask
them, they could use a laugh too.

> 5. Do I know what an Old Crow is? Do you know what an engineer is and
> does?

Answering a question with a question
indicates you don't know...
ok

> 6. Sorry you don't like my 73, if you wish to be rude that's fine by
> me.

Not rude, I wasn't the one questioning
"how many years in the antenna biz"
But I did ask questions... and got the
answers.

No problems mate.

> Bye

Bye

[Non-text portions of this message have been removed]

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063108:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
Click Here!

<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egrou
pmail/S=1705063108:HM/A=1036975/rand=901331706>

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

What kind of crap is this? Someone trying to impress you all with crap. remember FT 100. used to be able to find info here

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---
Do You Yahoo!?
Yahoo! Shopping - Mother's Day is May 12th!

[Non-text portions of this message have been removed]

# 14053. Re: [FT100] Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 02:46:08 UTC
From: Craig Maxson
Topic: 14049  Message: 14053

It will not move under band changes that it moved under previously. As mentioned by others, I will improve the ground and see what happens. Thank you for your response.
"David F. Morse" wrote:
Its found a less than 3:1 vswr and does not need to move.
David in Denver
k0dar
////////////

>My antenna either works great when auto tuning or manual or does not
>work at all (no motor sound or anything). There seems to be no rhyme
>or reason to when it works or not. When not working, the radio
>indicates that it is transmitting and the tuning icon is on. At this
>point the antenna will not move, either in auto or manually. The
>icon will time out after a couple of minutes. Any suggestions or
>insight would be greatly appreciated.

--

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Height:

4567 ft 01234567891011 in

Weight:

Sex:

F M

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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_____ Do You Yahoo!? Yahoo! Shopping - Mother's Day is May 12th! http://shopping.yahoo.com

# 14054. Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 04:43:03 UTC
From: Tim
Topic: 14054  Message: 14054

Cliff Bryant wrote:

> 1. Glad we sorted that out

We haven't, however I have no wish to continue.
So it's ended as of now.

On to other points

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14055. RE: [FT100] Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 08:39:51 UTC
From: Cliff Bryant
Topic: 14054  Message: 14055

What we haven't sorted out the use of the word 'win' meaning better performance?

Now we are going back a step.

I also have no wish to continue I hope we agree to disagree.

Cliff

-----Original Message-----
From: Tim [mailto:tmaxwell@...]
Sent: 10 May 2002 05:43
To: FT100@yahoogroups.com
Subject: [FT100] Re: Has Been...

Cliff Bryant wrote:

> 1. Glad we sorted that out

We haven't, however I have no wish to continue.
So it's ended as of now.

On to other points

Tim
KA2PKH

[Non-text portions of this message have been removed]

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<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=1046314/R=2/*http://www.ediets.com/start.cfm?code=3225>

Height: 4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in
Weight:
Sex: F M

<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egroupmail/S=1705063108:HM/A=1046314/rand=928203915>

Post message: FT100@yahoogroups.com
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Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14056. Re: [FT100] Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 09:59:50 UTC
From: Tim
Topic: 14054  Message: 14056

Cliff Bryant wrote:

> Now we are going back a step.
> I also have no wish to continue I hope we agree to disagree.
> Cliff

Cliff you seem to want to correct people.
If you want to "drop it", end it.
Don't reply

[Non-text portions of this message have been removed]

# 14057. Re: [FT100] Re: Filters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 09:41:55 UTC
From: danbay
Topic: 1955  Message: 14057

Check the under side of the board you may have sprade some solder around
the area while soldering the filter in. I use the 300 for CW and the 6kc
for AM they both work great. I installed the 300hz filter where the 500
would go so I could install the 6kc filter and have all the filters I
wanted; BUT WHEN YOU USE THE 300 HZ FILTER YOU MUST REMEMBER THAT ITS IN
THE 500HZ POSTION, therefor when you are enabling the options you enable
the 500 hz filter for the 300 hz filter and the of course you enable the AM
filter.
W1WQ
----------
> From: Jim Lasswell <ad6dw@...>
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Re: Filters
> Date: Thursday, May 09, 2002 2:32 PM
>
> Hi Chas. Jim here AD6DW
> I put in that AM filter an dnow the dang thing will not key up on HF .
Any
> sugestions as to what may have done. ?????
>
> -------Original Message-------
>
> From: FT100@yahoogroups.com
> Date: Thursday, May 09, 2002 10:06:01 AM
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: Filters
>
> The radio can hold up to three filters total.
> In mine I have the "SSB" filter, the 500 Hz CW filter and the 6 kHz
> AM filter. Very versatile! Neat rig!
> N6AF Chas
>
> One note: I have heard that the 300 Hz CW filter is "troublesome" to
> use in conjunction with the DSP bandpass filtering and really doesn't
> help in crowded band conditions over the 500 Hz filter due to its
> more moderate skirt roll-off. So I would go with the 500 Hz
> CW "standard". I can tell you personally that the 500 Hz filter in
> conjunction with the DSP bandpass dialed to 120 Hz is great during
> crowded CW conditions.
>
> --- In FT100@y..., Paul Henning <paul@a...> wrote:
> > Can you actually install both the CW and AM filter in the radio.
> The manual
> > seemed to imply one or the other could be installed but not both.
> >

> > Great radio!
> >
> > Paul N. Henning
> > K9PH
> > Director of Research and Development
> > Amtelco
> > 4800 Curtin Drive
> > McFarland, Wisconsin 53558 USA
> > Voice - +1 (608)838-4194
> > FAX - +1 (608)838-8367
> > e-mail - paul@a...
> > web - http://www.amtelcom.com
> >
> >
> > -----Original Message-----
> > From: backhoefade [mailto:cgarner@h...]
> > Sent: Thursday, May 09, 2002 10:30 AM
> > To: FT100@y...
> > Subject: [FT100] Re: Filters
> >
> > It comes with the SSB filter (2.4 kHz or there-abouts).
> > You want the 500 Hz filter for CW. I run CW much of the time.
> > For AM operation and SWLing AM stations you need the 6 kHz filter.
> > See my post at http://www.mods.dk <http://www.mods.dk> regarding
> AM
> > operation.
> > Have fun. Great rig!
> >
> > N6AF Chas
> >
> > --- In FT100@y..., "J. Craswell" <jay@i...> wrote:
> > > I should have my FT-100 going again soon and wonder what Filters
> > people are
> > > using? Is there a better or cheaper one available? I do a lot
> of
> > SQL so I
> > > might go for the AM one. I've also been thinking how much fun
> this
> > set
> > > would be on CW. Is the stock radio ok for SSB? At least in as
> far
> > as
> > > Filtering goes? Thanks for letting me CONTINUE to ask all the
> dumb
> > > questions.
> > >
> > > 73 de Jay Craswell W0VNE
> > >
> > > P.S. Crystal vrs Mechanical? Whats up with which?
> >

> >
> >
> >
> >
> > Yahoo! Groups Sponsor
> >
> >
> > ADVERTISEMENT
> >
> >
> <http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=17
> 050631
> >08:HM/A=1036975/R=0/*http://www.ediets.com/start.cfm?code=3225>
> Click Here!
> >
> >
> > <http://us.adserver.yahoo.com/l?
> M=194081.2053425.3521449.1829184/D=egroupmai<
> BR>>l/S=1705063108:HM/A=1036975/rand=433967836>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > <http://www.k0lee.com/ft100faq.html>
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> > <http://docs.yahoo.com/info/terms/> .
> >
> >
> > [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>

> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>

# 14058. Re: [FT100] Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 11:50:51 UTC
From: john BUNKER
Topic: 14049  Message: 14058

ATAS-100 wont work over certain swr hard to know what swr you have using the swr dashes in display.May have to turn radio off then back on tor reset processor then Antenna will go all way to the end and back which takes time. It also takes a good ground to operate the motor in antenna. I installed the ant in a ford ranger and had to run a wide brade to frame to get swr down in able to tune then it worked ok.The Antenna is not as efficent as a longer antenna think its considered a base loaded type. 102 inch center loaded antenna makes the ATAS-100 look sick but that type of ant is a monster. ATAS-100 looked beatiful on my Lincoln Towncar but I sent it back to HRO and got a refund.It just weares out your transmitter. I made a lot of tests on the Ant wile I had it befor the 10 days return.Best Ant for me for the price is ATOC ihf series or Valor they are longer and more efficient. The use of the RT-11 auto tuner remotly connected to ant base is hard to beat if you need to tune off the BW.

SWR Bars = swr Another ham made measured these but I checked
1 1.5
2 1.7 them out and found them to be about same.
3 1.9
4 2.1
5 2.4
6 2.6
7 2.8
8 3.0

>From: "David F. Morse" <dfmorse@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: Re: [FT100] Intermittent Problems with ATAS-100 Antenna
>Date: Thu, 9 May 2002 20:09:58 -0600
>
>Its found a less than 3:1 vswr and does not need to move.
>David in Denver
>k0dar
>////////////
>
>
> >My antenna either works great when auto tuning or manual or does not
> >work at all (no motor sound or anything). There seems to be no rhyme
> >or reason to when it works or not. When not working, the radio
> >indicates that it is transmitting and the tuning icon is on. At this
> >point the antenna will not move, either in auto or manually. The
> >icon will time out after a couple of minutes. Any suggestions or
> >insight would be greatly appreciated.
>

>--
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
Send and receive Hotmail on your mobile device: http://mobile.msn.com

# 14059. Re: [FT100] Re: Re: 6-BTV, vrs. the 1.8 to 30 B&W

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 13:38:02 UTC
From: Paul Manuel
Topic: 13943  Message: 14059

> If you really have nothing useful,
> descriptive, or even remotely
> helpful, such as good, or bad
> points...

Tim,
Please don't take this all so personally. And don't be surprised when hams ridicule antennas that use resistors to widen bandwidth, when hams traditionally work very hard to keep resistance losses to a minimum.

Several years ago QST and CQ reviewed antennas with this type of resistance. QST was really tough on the manufacturer, which made me quite surprised when B&W, a reputable manufacturer, began selling one.

In your case you have decided it is worth the signal loss for large bandwidth. That is fine. But the ham tradition is to attempt to eliminate loss and accept the narrow bandwidth. Understand that the manufacturers of these antennas are sometimes less than honest about this loss. If we are willing to accept this decrease in radiated signal, then fine. Its kind of like driving a 4 cylinder for gas mileage and giving up performance (which I do.)
73,
Paul K4PDM

_____
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 14060. Re: AM filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 14:45:03 UTC
From: ft100guy
Topic: 11373  Message: 14060

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi folks... I have done all the mods to my FT 100 and this little rascal works like a charm. Now I have a AM filter coming from AES , and was wandering if any one on this list has done it and how they did it.I have been told that I sound like @#$@$@#$ on AM, so I think I better install on. Any help would realy be apriciated. Thanks much.
AD6DW Jim
>
> When a man's best friend is his dog, that dog has a problem
>
>
> [Non-text portions of this message have been removed]

Number one follow Chas N6AF's settings for the am mode, they are posted here and can be found using an Archive search. In addition, I posted many pictures and some documents in the files area here on how to remove the board for the filter install. Read it and look at the pictures and you will see how it comes apart. The only problem in doing the filters is that it requires you to remove the swr mod to get the board out. Its quite easy after that point but be neat and follow my instructions and check out the pics. They will help you remove and install all of the cables and connectors easily..
Regards.. Richy N2ZD

# 14061. Re: AM filter, ribbon conn removal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 14:55:18 UTC
From: ft100guy
Topic: 13898  Message: 14061

> > ----- Original Message -----
> > From: David F. Morse
> > To: FT100@y...
> > Sent: Saturday, May 04, 2002 2:17 PM
> > Subject: [FT100] AM filter, ribbon conn removal
> >
> >
> > Does anyone know if a special tool is needed to remove the
ribbon
> >connectors?
> >
> > I need a little precision guidance on removal of same.
> >
> > David in Denver
> > k0dar

Check the files area, I posted some pics and some materials to aid you thru the process.. Do not use any tools to remove the ribbon connectors! A fingernail or small flat jewelers screwdriver is all that is needed at the most to lift them up.. Check the files area everyone performing the filter mod, the pics and documents are there for you.. Regards.. Richy N2ZD

# 14062. my local repeaters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-07 21:20:54 UTC
From: Roy7654321
Topic: 14062  Message: 14062

can I store the CTS tone for more than 1 of my local repeaters?
Obviously, each local repeater (besides being on different
freqencies) also use different CTS tones.

thanks

# 14063. AM filter part number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-08 19:50:56 UTC
From: Michael J
Topic: 14063  Message: 14063

Does anyone have the part number for the AM filter for the
FT-100D?

Thanks
KA9HNT

---
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 14064. Newbies, friends and countrymen...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-09 07:20:43 UTC
From: ft100guy
Topic: 14064  Message: 14064

A suggestion for those performing mods or those that are new to the group. There are TONS of pictures of the accessories, mods, filter installation info etc.. To be found in the files and photos area of this group.. Look to your left side of the Yahoo screen, you will find the helpful pics and info there. I noticed many of you are perplexed with the filter install and what the other mods entail.. Its all right there in picture format to help you out.

Also check out the vehicle installations posted there also for tips on how to install your gem into the car..

Dont forget to buy your wife an FT100 or D model for Mothers Day!!
73 and warm regards.. Richy N2ZD

# 14065. Re: Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 13:06:49 UTC
From: w1pa
Topic: 14049  Message: 14065

--- In FT100@y..., "vmi_1979" <vmi_1979@y...> wrote:
> My antenna either works great when auto tuning or manual or does not
> work at all (no motor sound or anything). There seems to be no rhyme
> or reason to when it works or not. When not working, the radio
> indicates that it is transmitting and the tuning icon is on. At this
> point the antenna will not move, either in auto or manually. The
> icon will time out after a couple of minutes. Any suggestions or
> insight would be greatly appreciated.

If you confirm the ground to the ATAS is ok, and your coax is ok, the next time it stops moving (when it says it is tuning), while it's on the mount, take an ohmmeter and measure the resistance from the chrome at the very bottom of the antenna to the thin silver ring three inches (about 8cm) up from the bottom. It should be a direct short.

If it is not, you have an open/intermittent z-match coil in the base. Another way to confirm it is to put the meter on it like before, and have someone else grab the bottom 3 inches, and give it a slight twist back and forth. If the meter moves from open to short to open, it's the coil connection. The PC board that drives the motor in the ATAS takes its ground connection through this coil. If the coil is open, then antenna will stop moving, even though the rig says it is.

It's rare, but mine failed this way, and did exactly what you are seeing. Report back what you find. If this is the problem, there is some information in here on what to do.

Bill
W1PA

# 14066. RE: [FT100] Re: Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 13:22:07 UTC
From: Gary Mitchelson
Topic: 14049  Message: 14066

Mine also failed this way. Twisting the base is a sure way to see if that is the culprit. By base was pinned and I could not get it apart. Yaesu wants $160+ for a new base.

-----Original Message-----
From: w1pa [mailto:w1pa@...]
Sent: Friday, May 10, 2002 13:07
To: FT100@yahoogroups.com
Subject: [FT100] Re: Intermittent Problems with ATAS-100 Antenna

If you confirm the ground to the ATAS is ok, and your coax is ok, the next time it stops moving (when it says it is tuning), while it's on the mount, take an ohmmeter and measure the resistance from the chrome at the very bottom of the antenna to the thin silver ring three inches (about 8cm) up from the bottom. It should be a direct short.

If it is not, you have an open/intermittent z-match coil in the base. Another way to confirm it is to put the meter on it like before, and have someone else grab the bottom 3 inches, and give it a slight twist back and forth. If the meter moves from open to short to open, it's the coil connection. The PC board that drives the motor in the ATAS takes its ground connection through this coil. If the coil is open, then antenna will stop moving, even though the rig says it is.

It's rare, but mine failed this way, and did exactly what you are seeing. Report back what you find. If this is the problem, there is some information in here on what to do.

# 14067. Re: Intermittent Problems with ATAS-100 Antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 13:36:37 UTC
From: w1pa
Topic: 14049  Message: 14067

--- In FT100@y..., Gary Mitchelson <n3jpu@c...> wrote:
> Mine also failed this way. Twisting the base is a sure way to see if
> that is the culprit. By base was pinned and I could not get it
apart.
> Yaesu wants $160+ for a new base.
>

Yep, mine too. I tried to open it up (drill out the pins) and it got really ugly real fast. If the bottom section has a pin at the bottom and a screw at the top, you may be ok (ok = you can get it open for repair). If it has a metal pin at bottom _and_ top, your hurting:

Option 1: Call yaesu and order a new one. The $160 US figure is correct. Been there.

Option 2: If you either have a good machine shop/tools or know someone who does, have them drill/mill out those pins, and drill holes and tap for replacement screws. This is not a job for hand tools. Once it's open, it's a quick 2 minute solder job to repair. It's just getting it open. And then being able to put it back so it will hold together.

Option 3: which I haven't tried -- the solder tabs on the coil appear to fall inline with the pins. With some careful planning, I bet you could drill two holes into the tube above the location of the solder tabs, repair the joint, and then fill the holes with silicone or put heatshrink over the tube. There is an airgap between the inside of the tube, and the coil, so you should be able to penetrate the tube without hitting the coil. If you do option 1, send me the old base, and I will try option 3, and document the results for the list.

Bill
W1PA

# 14068. Re: [FT100] Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 14:34:00 UTC
From: Pres Waterman
Topic: 14054  Message: 14068

> 
> > Now we are going back a step.
> > I also have no wish to continue I hope we agree to disagree.
> > Cliff
> 
> Cliff you seem to want to correct people.
> If you want to "drop it", end it.
> Don't reply

And the saga of which kid gets the last word in continues...

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14069. Re: [FT100] my local repeaters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 14:37:43 UTC
From: Pres Waterman
Topic: 14062  Message: 14069

> can I store the CTS tone for more than 1 of my local repeaters?
> Obviously, each local repeater (besides being on different
> freqencies) also use different CTS tones.

Each memory channel will store repeater offset and tone status. Simply set the complete repeater information into the VFO and memorize. Make any and all changes to the next channel and continue on.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14070. Re: AM filter part number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 15:50:04 UTC
From: backhoefade
Topic: 14063  Message: 14070

Go to the Ham Radio Outlet site and look it up in the Yaesu product
listings. Something like XF-117. Don't recall, but all the numbers
are at the HRO site.
N6AF Chas

--- In FT100@y..., Michael J <theradioeng@y...> wrote:
> Does anyone have the part number for the AM filter for the
> FT-100D?
>
> Thanks
> KA9HNT
>
>
> _____
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com

# 14071. Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 15:52:07 UTC
From: backhoefade
Topic: 14054  Message: 14071

I have seen more substantial dialogue between my eleven year old
daughter and her friends in their chat room discussions.
N6AF Chas

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > > Now we are going back a step.
> > > I also have no wish to continue I hope we agree to disagree.
> > > Cliff
> >
> > Cliff you seem to want to correct people.
> > If you want to "drop it", end it.
> > Don't reply
>
> And the saga of which kid gets the last word in continues...
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14072. Does anybody know how the BM-10 Heil-Headset sounds on this little baby???!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 16:38:51 UTC
From: 35IR184/35SD184/35LD184
Topic: 14072  Message: 14072

Hi to all on the list!
Has anybody made an experience with a Heil-Headset like the BM-10 with
an HC4 on the FT100????
I am seriously thinking of buying one for mine, as I always wanted to
make "Vox" operation, but I haven□t got a radio in the past which was
able to do it...

I visited Bob Heil´s site and made the sound comparisons between the HC5
and the HC4... I think I go for the HC4 "DX dream machine".... :-))))

I hope it will make my little "baby" scream hihi!!!

Greetings to all and have a nice weekend...

BTW I am on air tomorrow morning (8.00 CET) on 10 & 20m SSB & CW....
If you hear me callin´ try to come back to me....
Hope condx will be better than the last days...

OE5CSP Chris

# 14073. 1750 Tone Burst on FT-100D???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 17:04:53 UTC
From: w1rc
Topic: 14073  Message: 14073

Hi Gang:

I am close to making my decision whether to buy a FT-100D or the other one. I like working 10M FM repeaters but need a 1750 Hz tone burst to access them. Does anyone know if the FT-100D has this feature?

73,

Michael
W1RC

# 14074. Re: [FT100] AM filter part number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 17:26:30 UTC
From: David F. Morse
Topic: 14063  Message: 14074

```
------------------
AM Filter
XF-117A
A13190001 008

David in Denver
k0dar
/////////////////

>Does anyone have the part number for the AM filter for the
>FT-100D?
>
>Thanks
>KA9HNT

--
```

# 14075. comet antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 17:50:08 UTC
From: Paul Manuel
Topic: 14063  Message: 14075

I purchased a used Comet UHV-6 mobile antenna to use with my FT-100.
I know it will be very inefficient, so I am not expecting too much, but it
does replace two hamsticks and a 5 foot dual-band antenna that were on my
previous car.

Does anyone know of a group for users of this antenna? I know it is
somewhat off-topic for this one. I am wondering if I have a problem with
one of the coils or if I just need to trim the stinger. I received no
instructions with the antenna. (No, its not the
hi-swr-spurious-oscillation demon, I've tamed that one.)

If no one can guide me to another group, I'll ask here!
Tnx & 73,
Paul K4PDM

---
Do You Yahoo!?
Yahoo! Shopping - Mother's Day is May 12th!
http://shopping.yahoo.com

# 14076. Re: [FT100] 1750 Tone Burst on FT-100D???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 18:00:29 UTC
From: Mike May
Topic: 14073  Message: 14076

Yes it does, you have to press and hold in the 'home' button which can be configured to a particular button on the radios microphone or by pressing the 'home' button on the radios front faceplate, that is you do not program the tone burst into a memory as you would a DPL or CTCSS tone just press the 'home' button and it automatically transmits the 1750 tone..

Mike

w1rc wrote:

> Hi Gang:
>
> I am close to making my decision whether to buy a FT-100D or the
> other one. I like working 10M FM repeaters but need a 1750 Hz tone
> burst to access them. Does anyone know if the FT-100D has this
> feature?
>
> 73,
>
> Michael
> W1RC
>
>
> Yahoo! Groups Sponsor
ADVERTISEMENT
[Image]

Height: ftin

Weight:

Sex:FM

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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[Non-text portions of this message have been removed]

# 14077. Re: 1750 Tone Burst on FT-100D???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 18:50:41 UTC
From: backhoefade
Topic: 14073  Message: 14077

Two questions:
- Can you set the tone burst to frequencies other than 1750 Hz?

- The ability to "configure" the Home button to a particular mic button intrigues me. What is the extent of "configurability" of functions? I think the answer is about zero. What I'm getting at is I have always envisioned a rig that would let you "program" controls so that you could, for example, set up the rig so a particular button would take you directly to the Noise Blanker function.

N6AF Chas

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> Yes it does, you have to press and hold in the 'home' button which can
> be configured to a particular button on the radios microphone or by
> pressing the 'home' button on the radios front faceplate, that is you
> do not program the tone burst into a memory as you would a DPL or CTCSS
> tone just press the 'home' button and it automatically transmits the
> 1750 tone..
>
>
> Mike
>
> w1rc wrote:
>
> > Hi Gang:
> >
> > I am close to making my decision whether to buy a FT-100D or the
> > other one. I like working 10M FM repeaters but need a 1750 Hz tone
> > burst to access them. Does anyone know if the FT-100D has this
> > feature?
> >
> > 73,
> >
> > Michael
> > W1RC
> >
> >
> > Yahoo! Groups Sponsor
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> [Image]
>

> Height: ftin
>
> Weight:
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> Sex:FM
>
>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> [Wulfsberg Electronics Division; Prescott, Arizona USA]
>
>
>
> [Non-text portions of this message have been removed]

# 14078. Semi QSK CW issue

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 19:13:36 UTC
From: Bob Evans
Topic: 14078  Message: 14078

Has anyone seen their rigs go "key down" in CW semi break-in only?

A friend of mine just bought a new 100D and it works perfectly in full break-in QSK and fine in semi-QSK if CW delay (function 49) is set to zero, however, it goes to solid transmit any time CW DELAY is raised above zero. We've eliminated RF feedback issues (we think) as a possibility and are just wondering if we are missing anything obvious. This is just being mounted in his shack where an FT-1000MP has had no RF issues and antenna (3 el yagi) is working fine.

Bob K5WA

# 14079. Re: [FT100] comet antenna

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 19:24:02 UTC
From: Pres Waterman
Topic: 14063  Message: 14079

> 
> Does anyone know of a group for users of this antenna? I know it is
> somewhat off-topic for this one. I am wondering if I have a problem with
> one of the coils or if I just need to trim the stinger. I received no
> instructions with the antenna. (No, its not the
> hi-swr-spurious-oscillation demon, I've tamed that one.)

Start one! I'll join!

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14080. Re: the B&W tests

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 19:41:08 UTC
From: Tim
Topic: 14080  Message: 14080

Paul Manuel wrote:

> Please don't take this all so personally.

I don't, I just prefer facts over
character attacks.

> And don't be surprised when hams
> ridicule antennas that use resistors to widen bandwidth, when hams
> traditionally work very hard to keep resistance losses to a minimum.

I appreciate keeping losses to a minimum.

> Several years ago QST and CQ reviewed antennas with this type of
> resistance. QST was really tough on the manufacturer, which made me
> quite
> surprised when B&W, a reputable manufacturer, began selling one.

Do you remember the year?
I'd like to read that review.

> In your case you have decided it is worth the signal loss for large
> bandwidth. That is fine.

No it's not. If this is the case, than
it's not fine at all. The real question
is if it's really true in the field.

I've compared this antenna to
dipoles arrayed in an inverted V
(not beams, an unfair comparison)
and the results indicate that the two
are quite similar. With gain on the
upper bands. This is in spite of the
resistor. With the exception of one
person commenting correctly on the
effects of a longer antenna, and the
consequences of that length, no one
has addressed the apparent equality,
with the bandwidth issue being a plus.

> But the ham tradition is to attempt to eliminate
> loss and accept the narrow bandwidth.

I don't think there is a "Ham Tradition"
to accept ANY condition. We have a
very real tradition of innovation, and a
willingness to get out there, build &

test them.

> Understand that the manufacturers of
> these antennas are sometimes less than honest about this loss. If we
> are
> willing to accept this decrease in radiated signal, then fine. Its
> kind of
> like driving a 4 cylinder for gas mileage and giving up performance
> (which
> I do.)

Ok, you have a point...
now in the true ham spirit...
prove it. My results contradict
you point, but so what...
what we are after is facts..
can anyone post side by side
measurements...
?
Anyone?
(That QST article would help)

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14081. Re: [FT100] Re: the B&W tests

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 21:47:45 UTC
From: Paul Manuel
Topic: 14080  Message: 14081

Tim & crew,
For some reason Yahoo held my message for several days before sending it.
I wrote my message before this conversation got so heated. I really don't
want to fan the flames!!

The QST article did not test the B&W antenna, but a different brand with a
built-in matching resistance. The test might not be directly applicable.
I don't know of any test of this specific antenna.

Again, don't want to fan the flames...
73,
Paul K4PDM

_____
Do You Yahoo!?
Yahoo! Shopping - Mother's Day is May 12th!
http://shopping.yahoo.com

# 14082. Re: [FT100] Re: 1750 Tone Burst on FT-100D???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 21:52:47 UTC
From: Mike May
Topic: 14073  Message: 14082

No, it seems to be hardcoded to the HOME button only and the frequency
is also harcoded to 1750 hz. I agree about having reprogrammable
features for each of the Mic buttons. Just like programming one of the
newer Motorola radios in RSS.

Mike
backhoefade wrote:

> Two questions:
> - Can you set the tone burst to frequencies other than 1750 Hz?
>
> - The ability to "configure" the Home button to a particular mic
> button intrigues me. What is the extent of "configurability" of
> functions? I think the answer is about zero. What I'm getting at is
> I have always envisioned a rig that would let you "program" controls
> so that you could, for example, set up the rig so a particular button
> would take you directly to the Noise Blanker function.
>
> N6AF Chas
>
>
> --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > Yes it does, you have to press and hold in the 'home' button which
> can
> > be configured to a particular button on the radios microphone or by
> > pressing the 'home' button on the radios front faceplate, that is
> you
> > do not program the tone burst into a memory as you would a DPL or
> CTCSS
> > tone just press the 'home' button and it automatically transmits the
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> > 1750 tone..
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> > Mike
> >
> > w1rc wrote:
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> > > Hi Gang:
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> > > I am close to making my decision whether to buy a FT-100D or the
> > > other one. I like working 10M FM repeaters but need a 1750 Hz
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> > > burst to access them. Does anyone know if the FT-100D has this
> > > feature?

> > >
> > > 73,
> > >
> > > Michael
> > > W1RC
> > >
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> > [Image]
> >
> > Height: ftin
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> > Weight:
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> > Sex:FM
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> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
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> >
> > [Non-text portions of this message have been removed]
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Sex:FM

>
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 14083. Re: Does anybody know how the BM-10 Heil-Headset sounds on this little baby???!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 22:09:20 UTC
From: john_k2gvp
Topic: 14072  Message: 14083

Chris:
I use the Heil BM-5, a HC5 element on my FT-100 mobile and love it. I get very good audio reports and with the VOX, I can keep both hands on the steering wheel. I made a 4 inch pig-tail and double female connector so I can switch mic's if I want to without removing the front panel from the body of the rig.
Hope this helps a little bit.
73's, John K2GVP

> Has anybody made an experience with a Heil-Headset like the BM-10 with
> an HC4 on the FT100????
> OE5CSP Chris

# 14084. FridayTime-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 23:13:24 UTC
From: backhoefade
Topic: 14084  Message: 14084

Friday night - going home - putting a pair of brand new 3-500Z's into the SB-220. Going to fire up the FT-100D/SB-220 combo and blast the ionosphere "mini-HAARP" style. Time to enjoy the rig.
73 to the 100D club. Have a good weekend.

N6AF Chas

# 14085. Re: [FT100] Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-10 23:50:13 UTC
From: byrddawg
Topic: 14054  Message: 14085

Thank you gentlemen! This "discussion" was in the process of going away until you resurrected it. How about letting it go??? I thought this was a group discussing the FT-100D.....Paul

backhoefade wrote:

> I have seen more substantial dialogue between my eleven year old
> daughter and her friends in their chat room discussions.
> N6AF Chas
>
> --- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > >
> > > > Now we are going back a step.
> > > > I also have no wish to continue I hope we agree to disagree.
> > > > Cliff
> > >
> > > Cliff you seem to want to correct people.
> > > If you want to "drop it", end it.
> > > Don't reply
> > >
> > And the saga of which kid gets the last word in continues...
> > >
> > Thanks
> > >
> > Pres Waterman W2PW
> > c/o Patchogue Motors, Inc.
> > Long Island Ford and Kia dealer
> > >
> > GO BILLS!
> > ©¿©
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>
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> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14086. Heil headset ( Pro Set Plus 'ic' )

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 00:45:39 UTC
From: Peter van Daalen
Topic: 14086  Message: 14086

Everyone on this list seems to know about This Miracle.
I don't.

A few questions. Please help.

1. What makes it so special ? ( the lack of low, the 10 db high boost and/or the head phase shift ? )
2. Will I also get rid of the compressor's background noise ( I now use Yaesu's native HM42B ( no baffle inside....! ) with an unappreciated orchestra on the background....( compressor in the menu is default, so not too high ).
3. In Europe I must pay abt USD 290 for a Pro Set Plus 'ic'. Is it worth that lot of bucks ? I must

Thanks.

Peter, PE1ECM

[Non-text portions of this message have been removed]

# 14087. Re: Has Been...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 01:43:25 UTC
From: Tim
Topic: 14054  Message: 14087

byrddawg wrote:

> Thank you gentlemen! This "discussion" was in the process of going
> away
> until you resurrected it. How about letting it go??? I thought this
> was
> a group discussing the FT-100D.....Paul
>

Paul, I took this off group and ended it.
It's ended. The other person posted here.
It's no a mutual thing, I don't control him.
Any discussion he proposes with me is not
mutual. I won't respond. I told him as much.
It is ended as far as I'm concerned.
Period.

Let's move on to other things, or
at least different aspects of this.

[Non-text portions of this message have been removed]

# 14088. FT-100 Alphanumeric Display ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 01:29:54 UTC
From: w1rc
Topic: 14088  Message: 14088

Does the FT-100 have an alphanumeric display? By this I mean one where the user can add a name or tag to the display for each of the memory channels.

TIA,

Michael

# 14089. RE: [FT100] FT-100 Alphanumeric Display ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 02:17:46 UTC
From: Jesse
Topic: 14088  Message: 14089

No.

-----Original Message-----
From: w1rc [mailto:w1rc@...]
Sent: Friday, May 10, 2002 8:30 PM
To: FT100@yahoogroups.com
Subject: [FT100] FT-100 Alphanumeric Display ???

Does the FT-100 have an alphanumeric display? By this I mean one
where the user can add a name or tag to the display for each of the
memory channels.

TIA,

Michael

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<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705
063108:HM/A=1046314/R=1/*http:/www.ediets.com/start.cfm?code=3225>

<http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705
063108:HM/A=1046314/R=2/*http:/www.ediets.com/start.cfm?code=3225>

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4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in

Weight:

Sex:
F M

<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egrou
pmail/S=1705063108:HM/A=1046314/rand=322706923>

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<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

# 14090. Re: [FT100] Re: AM filter part number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 02:40:15 UTC
From: Jim Lasswell
Topic: 14063  Message: 14090

Hi Chas... This is Jim AD6DW and ,I want to thank you for your help in the problem I had with my FT 100. When I put that AM filter in, I bent one of those tiny leads in the strap coming from the lower board to the top board, the one that runs through a shield of sorts, and that was the reason it would not transmit on HF. I took a small exacto knife and very gently bent it back into position. Put every thing back together and WALA the sukeh works. Thanks so much for your help in this mater. Folks like you are what ham radio is all about. 73 de AD6DW. Jim

-------Original Message-------

From: FT100@yahoogroups.com
Date: Friday, May 10, 2002 8:50:20 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: AM filter part number

Go to the Ham Radio Outlet site and look it up in the Yaesu product listings. Something like XF-117. Don't recall, but all the numbers are at the HRO site.
N6AF Chas

--- In FT100@y..., Michael J <theradioeng@y...> wrote:
> Does anyone have the part number for the AM filter for the
> FT-100D?
>
> Thanks
> KA9HNT
>
>
> _____________________________________________
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com

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[Non-text portions of this message have been removed]

# 14091. Re: [FT100] Re: What's the green wire for, anyone?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 03:02:11 UTC
From: cherokeeguy777@aol.com
Topic: 13951  Message: 14091

From my understanding, it is for the IF choke. That's what yaesu told me when I was installing the AM filter.

# 14092. FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 03:57:39 UTC
From: Norm, W3IZ
Topic: 9628  Message: 14092

Pix of the new FT-897 can be seen here.
73,
Norm, W3IZ

http://www.rigpix.com/yaesu/ft897.htm

[Non-text portions of this message have been removed]

# 14093. CAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 04:00:24 UTC
From: Eric van de Weyer
Topic: 1966  Message: 14093

Hi everyone,

I have a little question.

Has anyone had any problems with using the CAT connection to the 100D?

I got one of John Hanson's (W2FS) QSYer keyboard kits and built it up.

When I first plugged it in to the FT100D to try it before putting it in the box, it worked just fine. After I had installed it in it's box, however, it wouldn't work any more. I have since tried it on a friend's FT817 and it works just fine so I am assuming that something has gone wrong with the interface inside the radio.

Have tried to find it on the schematics but as yet I haven't been able to locate the Band Data pigtail connection or where it connects to. May have to pull the radio out of the car to try and trace it.

Any ideas or experiences would be appreciated.

73....Eric VK2KUR

# 14094. Re: AM filter part number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 04:24:40 UTC
From: backhoefade
Topic: 14063  Message: 14094

Hey no sweat Jim - glad it worked out for you. It's about 9:25 PM
and if you read this try calling on LSB on about 7.154 MHz. I'm
listening there and around 7040 CW. The band is in pretty good shape
and the path between Hanford and the Bay Area should be OK - good
enough to try AM. Hope to hear your rig.
73 Chas N6AF

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Chas... This is Jim AD6DW and ,I want to thank you for your help
in the
> problem I had with my FT 100. When I put that AM filter in, I bent
one of
> those tiny leads in the strap coming from the lower board to the
top board,
> the one that runs through a shield of sorts, and that was the
reason it
> would not transmit on HF. I took a small exacto knife and very
gently bent
> it back into position. Put every thing back together and WALA the
sukeh
> works. Thanks so much for your help in this mater. Folks like you
are what
> ham radio is all about. 73 de AD6DW. Jim
>
> -------Original Message-------
>
> From: FT100@y...
> Date: Friday, May 10, 2002 8:50:20 AM
> To: FT100@y...
> Subject: [FT100] Re: AM filter part number
>
> Go to the Ham Radio Outlet site and look it up in the Yaesu product
> listings. Something like XF-117. Don't recall, but all the
numbers
> are at the HRO site.
> N6AF Chas
>
> --- In FT100@y..., Michael J <theradioeng@y...> wrote:
> > Does anyone have the part number for the AM filter for the
> > FT-100D?
> >
> > Thanks
> > KA9HNT
> >
> >

> > _____
> > Do You Yahoo!?
> > Yahoo! Health - your guide to health and wellness
> > http://health.yahoo.com
>
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> Post message: FT100@y...
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
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> We are all a part of this Lets make it as good as possible.
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> [Non-text portions of this message have been removed]

# 14095. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 04:39:52 UTC
From: backhoefade
Topic: 9628  Message: 14095

Hmmmmm??? Looks like a re-sized FT-100D to me. I prefer the 100D.
N6AF Chas

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Pix of the new FT-897 can be seen here.
> 73,
> Norm, W3IZ
>
> http://www.rigpix.com/yaesu/ft897.htm
>
>
> [Non-text portions of this message have been removed]

# 14096. Re: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 04:53:23 UTC
From: Dick Thompson
Topic: 9628  Message: 14096

A couple of the measurements are a little more than the 100D. Other than that, it'll sell well because it's new and some folks just gotta have it because of that. But, if they included the fan, mic & swr mods, that'd be a good reason to consider it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Friday, May 10, 2002 10:39 PM
Subject: [FT100] Re: FT-897

Hmmmmm??? Looks like a re-sized FT-100D to me. I prefer the 100D.
N6AF Chas

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Pix of the new FT-897 can be seen here.
> 73,
> Norm, W3IZ
>
> http://www.rigpix.com/yaesu/ft897.htm
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14097. Re: [FT100] CAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 05:06:38 UTC
From: Pres Waterman
Topic: 1966  Message: 14097

\>
> I got one of John Hanson's (W2FS) QSYer keyboard kits and built it up.
>
> When I first plugged it in to the FT100D to try it before putting it in
the
> box, it worked just fine. After I had installed it in it's box, however,
it
> wouldn't work any more. I have since tried it on a friend's FT817 and it
> works just fine so I am assuming that something has gone wrong with the
> interface inside the radio.
>

Basic questions:

Have you reset the data rate on the QSY'er to 4800 baud? Have you reset to
FT-100 mode?

**4800
**100

Depending on your version, it might work after those keystrokes are entered.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 14098. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 05:51:41 UTC
From: w4wb
Topic: 9628  Message: 14098

The FT-897 received FCC certification on 09 May 2002.
73 de Barry - W4WB

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Pix of the new FT-897 can be seen here.
> 73,
> Norm, W3IZ
>
> http://www.rigpix.com/yaesu/ft897.htm
>
>
> [Non-text portions of this message have been removed]

# 14099. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 06:24:35 UTC
From: frankweiss@aol.com
Topic: 9628  Message: 14099

Here is some guy's prediction on the 100D and new 897.

Frank K6FCW

---

The only info I got from resellers in UK and Germany is
that it will appear this summer ( 2002 ).
The rig is supposed for fill the gap after FT-900.
So FT817 and FT-100 will stay.

FT-817 for QRP
Ft-100 for mobile ( remember it has the detach head )
FT-897 for multipurpose

[Non-text portions of this message have been removed]

# 14100. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 08:26:38 UTC
From: ft100guy
Topic: 9628  Message: 14100

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Pix of the new FT-897 can be seen here.
> 73,
> Norm, W3IZ
>
> http://www.rigpix.com/yaesu/ft897.htm
>
>
> [Non-text portions of this message have been removed]

That picture is old, and BTW the rig is kinda "fugly". That pic came from a show in Japan and was the prototype. I bet it has been refaced since then... At least I hope.. Regards.. Richy N2ZD

# 14101. CW filter woes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 02:30:47 UTC
From: KENNETH ROBERT MCGUIRE
Topic: 14101  Message: 14101

I tried to install XF-117C in my FT-100 (NO D). While the radio still works after the installation, there is almost no signal when the cw filter is selected. Does anyone have any experience with this type of problem, or do I just have to go in there and look for solder bridges...

For everybody's info, AES has the 500 Hz filter available for rather cheap...

Ken McGuire
KC8LTL in EN74cp
at902@...

# 14102. Cushcraft R7 / R7000 Help-Tech Page w/downloads

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 14:34:47 UTC
From: l566cx
Topic: 14102  Message: 14102

I discovered this Cushcraft R7 / R7000 page.

http://www.ab7sl.com/index.html?row1col2=r7.html

1. R7 - R7000 "black box" internal color photo, component values,detailed trap illustration and schematic diagram - all downloadable
2. Tech tips for solving R7 / R7000 high SWR problems
3. R7 assembly and instruction manuals - downloadable
4. R7000 assembly and instruction manuals - downloadable

-Jesse

# 14103. Cushcraft R7 / R7000 Help-Tech Page w/downloads

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 14:34:59 UTC
From: l566cx
Topic: 14102  Message: 14103

I discovered this Cushcraft R7 / R7000 page.

http://www.ab7sl.com/index.html?row1col2=r7.html

1. R7 - R7000 "black box" internal color photo, component values,detailed trap illustration and schematic diagram - all downloadable
2. Tech tips for solving R7 / R7000 high SWR problems
3. R7 assembly and instruction manuals - downloadable
4. R7000 assembly and instruction manuals - downloadable

-Jesse

# 14104. Re: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 04:06:31 UTC
From: cherokeeguy777@aol.com
Topic: 9628  Message: 14104

Where can I get some more info on this radio? Looks kinda interesting.

Steve
KC8LQV
73

# 14105. Re: [FT100] CAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 16:25:21 UTC
From: John Hansen
Topic: 1966  Message: 14105

I believe Eric has one of the earlier models that does not change speeds. It is locked at 4800, which should be the correct speed for the FT-100. On the newer versions where it does change speeds, the command to do so is **480

I have had one report from someone else with a problem similar to Eric's. In that case, the problem was not the CAT interface inside the radio, since a CT-62 worked. I sent this fellow a new chip for his keypad and so far, I've not heard back as to whether that resolved the issue. Since I don't own an FT-100, it has been difficult to chase this down, but Pres has had the unit working with his FT-100 without problem.

Eric, I'd like to suggest that we start by having me send you a new chip for the keypad. There aren't a lot of changes between the one you have and the new one (the ability to change speeds is the main one) but at least we will then know for sure that you are operating with the same chip that is working with Pres's FT-100. Drop me a private e-mail with your address and I'll get one out to you. In the meantime, I would love to hear from others about your experiences with the keypad and the FT-100.

Finally, I should note that the reason that I added the ability to change baud rates is that someone with an 817 wanted to use the keypad with his One Touch Tuner (OTT). Apparently the OTT is permanently configured for 9600 baud. That user found that the keypad coexisted well with the OTT (when it was set to 9600 baud) and that he was able to use both accessories at the same time without modifying either of them. If you received one of the early keypads that does not support speed changes, but would like one that does, I'll be willing to send you an upgrade chip for free, if you like. Contact me privately off the list.

John W2FS
john@...

At 01:06 AM 5/11/02 -0400, you wrote:
>\>
> > I got one of John Hanson's (W2FS) QSYer keyboard kits and built it up.
> >
> > When I first plugged it in to the FT100D to try it before putting it in
>the
> > box, it worked just fine. After I had installed it in it's box, however,
>it
> > wouldn't work any more. I have since tried it on a friend's FT817 and it
> > works just fine so I am assuming that something has gone wrong with the
> > interface inside the radio.
> >
>

>Basic questions:
>
>Have you reset the data rate on the QSY'er to 4800 baud? Have you reset to
>FT-100 mode?
>
>**4800
>**100
>
>Depending on your version, it might work after those keystrokes are entered.

# 14106. RE: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 12:23:36 UTC
From: Gary Mitchelson
Topic: 9628  Message: 14106

Good, at least more than myself think this is one ugly rig!

-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Saturday, May 11, 2002 08:27
To: FT100@yahoogroups.com
Subject: [FT100] Re: FT-897

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:

>
> http://www.rigpix.com/yaesu/ft897.htm

That picture is old, and BTW the rig is kinda "fugly".

# 14107. Re: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 15:08:17 UTC
From: Dick Thompson
Topic: 9628  Message: 14107

I like that new word, Norm; "fugly". Kinda says it all. ROFL!!!!!!!

73,

Dick
WB0DUL@...
----- Original Message -----
From: ft100guy
To: FT100@yahoogroups.com
Sent: Saturday, May 11, 2002 2:26 AM
Subject: [FT100] Re: FT-897

--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> Pix of the new FT-897 can be seen here.
> 73,
> Norm, W3IZ
>
> http://www.rigpix.com/yaesu/ft897.htm
>
>
> [Non-text portions of this message have been removed]

That picture is old, and BTW the rig is kinda "fugly". That pic
came from a show in Japan and was the prototype. I bet it has been
refaced since then... At least I hope.. Regards.. Richy N2ZD

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Weight:
Sex: F M

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[Non-text portions of this message have been removed]

# 14108. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 11:19:05 UTC
From: john BUNKER
Topic: 14108  Message: 14108

Are there any other groups like this one, like ft-767 and ft-920 ?

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

# 14109. Re: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-11 12:44:47 UTC
From: E F Todd Benson
Topic: 9628  Message: 14109

just in time for Dayton

and who says marketing is dead?

Good Hunting & 73,

Todd, W9YK

At 05:51 AM 5/11/2002 +0000, you wrote:
>The FT-897 received FCC certification on 09 May 2002.
>73 de Barry - W4WB
>
>--- In FT100@y..., "Norm, W3IZ" <w3iz@c...> wrote:
> > Pix of the new FT-897 can be seen here.
> > 73,
> > Norm, W3IZ
> >
> >
> <http://www.rigpix.com/yaesu/ft897.htm>http://www.rigpix.com/yaesu/ft897.htm
> >
> >
> > [Non-text portions of this message have been removed]
>
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><http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=10463
14/R=1/*http://www.ediets.com/start.cfm?code=3225>3aa4131.jpg
>
><http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=10463
14/R=2/*http://www.ediets.com/start.cfm?code=3225>3aa4177.jpg
>
>Height: 4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in
>Weight:
>Sex: F M
>3aa419f.jpg
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on
>WWW:
><http://www.k0lee.com/ft100faq.html>http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.

>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 14110. Re: [FT100] (unknown)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 05:09:19 UTC
From: Dick Thompson
Topic: 5045  Message: 14110

There is a FT920 group. Just sign up for it on Yahoo like you did for this one.

73,

Dick
WB0DUL@...
----- Original Message -----
From: john BUNKER
To: FT100@yahoogroups.com
Sent: Saturday, May 11, 2002 5:19 AM
Subject: [FT100] (unknown)

Are there any other groups like this one, like ft-767 and ft-920 ?

_____
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[Non-text portions of this message have been removed]

# 14111. AW: [FT100] Re: Does anybody know how the BM-10 Heil-Headset sounds on this little baby???!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 07:57:10 UTC
From: 35IR184/35SD184/35LD184
Topic: 14072  Message: 14111

Hey John big TNX for your answer!!!!

It helped me a lot my dear, I wasn´t sure at 100% really if I should
really buy it!!

But now, everythings soooo clear now..... :-)))))

Greetings from Austria

Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: john_k2gvp [mailto:k2gvp@...]
Gesendet: Samstag, 11. Mai 2002 00:09
An: FT100@yahoogroups.com
Betreff: [FT100] Re: Does anybody know how the BM-10 Heil-Headset sounds
on this little baby???!!

Chris:
I use the Heil BM-5, a HC5 element on my FT-100 mobile and love
it. I get very good audio reports and with the VOX, I can keep both
hands on the steering wheel. I made a 4 inch pig-tail and double
female connector so I can switch mic's if I want to without removing
the front panel from the body of the rig.
Hope this helps a little bit.
73's, John K2GVP

> Has anybody made an experience with a Heil-Headset like the BM-10
with
> an HC4 on the FT100????
> OE5CSP Chris

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# 14112. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 12:15:36 UTC
From: w4wb
Topic: 9628  Message: 14112

--- In FT100@y..., Gary Mitchelson <n3jpu@c...> wrote:
> Good, at least more than myself think this is one ugly rig!

Ugly is TenTec ... homebrew looks better.

# 14113. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 12:19:12 UTC
From: w4wb
Topic: 9628  Message: 14113

--- In FT100@y..., cherokeeguy777@a... wrote:
> Where can I get some more info on this radio? Looks kinda
interesting.
>
> Steve
> KC8LQV
> 73

Try the FT897 Group here on Yahoo! It will present the latest info
as this rig is brought into the market.

73 de Barry - W4WB

# 14115. sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-12 22:05:10 UTC
From: kb9yet
Topic: 14115  Message: 14115

i am looking for info on how to interface my ft100d to my pc's sound card for psk31. software i am using is digipan. i am wondering if i should hook up through the data port or through the mic connector. and if i go through the mic connector, where can i get a connector. i got the 6pin mini din from radio shack. how should i make the interface cable. any input would be appreciated. thanks.

73
kb9yet
justin buell

# 14116. Re: [FT100] sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 00:07:51 UTC
From: A V Flinsch
Topic: 14115  Message: 14116

On Sunday 12 May 2002 06:05 pm, you wrote:
> i am looking for info on how to interface my ft100d to my pc's sound
> card for psk31. software i am using is digipan. i am wondering if i
> should hook up through the data port or through the mic connector.
> and if i go through the mic connector, where can i get a connector.
> i got the 6pin mini din from radio shack. how should i make the
> interface cable. any input would be appreciated. thanks.

I am using the minidin version from buxco. it uses the dataport rather
than the mic jack. This way, you don't have to disconnect and reconnect
the mic when playing with digital modes.

--
Alex
"Good judgment comes from experience,
and a lot of that comes from bad judgment"
8:00pm up 13 min, 2 users, load average: 1.10, 1.18, 0.68

# 14117. Re: [FT100] All MFJ products and Ameritron amps manuals - free downloads!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 01:18:17 UTC
From: Einar Carlsen
Topic: 14117  Message: 14117

Downloading the manuals is OK BUT.... The big problem with MFJ manuals is they seem to be afraid to include the schematic of the device the manual is for. Even for simple things like ant tuners. If you have any problem you have to trace out the circuit yourself. For some reason they seem to think either the circuit diagram is not important, or it is a big secret! They tell you all about how o use it and forget that most of us are able to diagnose and repair the majority of problems but without the circuit diagram, the problem doubles! Just my thought.

Einar VE7BAQ

----- Original Message -----
From: l566cx
To: FT100@yahoogroups.com
Sent: Sunday, May 12, 2002 14:56 PM
Subject: [FT100] All MFJ products and Ameritron amps manuals - free downloads!

Here is a link I found to download free manuals for every MFJ &
Ameritron product listed of which currently there are over 200
product mnauals total available and more coming.

All Ameritron amps are also listed with free manuals
There are separate links for MFJ and Ameritron at this URL.

http://www.ab7sl.com/index.html?row1col2=links.html

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[Non-text portions of this message have been removed]

# 14118. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 03:50:38 UTC
From: w1pa
Topic: 9628  Message: 14118

--- In FT100@y..., frankweiss@a... wrote:
>
>
> Here is some guy's prediction on the 100D and new 897.
>
> Frank K6FCW
>
> ------------
>
> The only info I got from resellers in UK and Germany is
> that it will appear this summer ( 2002 ).
> The rig is supposed for fill the gap after FT-900.
> So FT817 and FT-100 will stay.
>
> FT-817 for QRP
> Ft-100 for mobile ( remember it has the detach head )
> FT-897 for multipurpose
>
I don't know... this deosn't make sense to me... the Ft100 is $790, the 847 is $1150, this looks like an 847 without satellite functions, the display looks smaller than the 100D... I thought the FT-100D filled the gap of the Ft-900? I can't figure out how this is going to be placed against the other rigs... does it replace something, does it fill a gap? I guess a discussion better left for the FT-897 group.

Bill W1PA

# 14119. Re: [FT100] All MFJ products and Ameritron amps manuals - free downloads!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 05:57:28 UTC
From: omar
Topic: 14117  Message: 14119

Hi there everybody:

This Omar, YK1AO.

I have troubles with a FT-One transceiver and an Alpha 89 Linear amplifier.

Is anybody there familiar with one or both of these equipment? I would appreciate it if I can get a response.

Best 73

Omar, YK1AO

**********
----- Original Message -----
From: Einar Carlsen
To: FT100@yahoogroups.com
Sent: Monday, May 13, 2002 4:18 AM
Subject: Re: [FT100] All MFJ products and Ameritron amps manuals - free downloads!

Downloading the manuals is OK BUT.... The big problem with MFJ manuals is they seem to be afraid to include the schematic of the device the manual is for. Even for simple things like ant tuners. If you have any problem you have to trace out the circuit yourself. For some reason they seem to think either the circuit diagram is not important, or it is a big secret! They tell you all about how o use it and forget that most of us are able to diagnose and repair the majority of problems but without the circuit diagram, the problem doubles! Just my thought.

Einar VE7BAQ

----- Original Message -----
From: l566cx
To: FT100@yahoogroups.com
Sent: Sunday, May 12, 2002 14:56 PM
Subject: [FT100] All MFJ products and Ameritron amps manuals - free downloads!

Here is a link I found to download free manuals for every MFJ &
Ameritron product listed of which currently there are over 200
product mnauals total available and more coming.

All Ameritron amps are also listed with free manuals
There are separate links for MFJ and Ameritron at this URL.

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[Non-text portions of this message have been removed]

# 14120. ATAS Wobble or not to wobble is the question?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 06:56:38 UTC
From: zegoptyltd
Topic: 14120  Message: 14120

Dear fellas,

Have just mounted my ATAS and screwed it on whilst turning the lower 3" as I remember someone saying not to turn it from a higher position.

My question is my ATAS wobbles above the lower 3" point, not much, but enough to be concerned is this normal?

Thanks

Scott
VK2MEG

# 14121. Re: [FT100] CW filter woes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 10:40:43 UTC
From: danbay
Topic: 14101  Message: 14121

when you select the cw filter the noise level will drop, find a cw sig
while in SSB then select CW and you will have to fine tune to get the
incoming cw in and a the tone you are use to.
W1WQ

---

> From: KENNETH ROBERT MCGUIRE <at902@...>
> To: FT100@yahoogroups.com
> Subject: [FT100] CW filter woes
> Date: Saturday, May 11, 2002 10:30 PM
>
> I tried to install XF-117C in my FT-100 (NO D). While the radio still
> works after the installation, there is almost no signal when the cw
filter
> is selected. Does anyone have any experience with this type of problem,
> or do I just have to go in there and look for solder bridges...
>
> For everybody's info, AES has the 500 Hz filter available for rather
> cheap...
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@...
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
>

# 14122. Re: [FT100] Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 11:00:51 UTC
From: Paul Manuel
Topic: 9628  Message: 14122

I can't figure out how this is
> going to be placed against the other rigs... does it replace
> something, does it fill a gap?
To me, it might fill a gap if it has a built-in antenna tuner. Does anyone know if it does or not? (Also might justify it being a little larger.)
73,
Paul K4PDM

_____
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http://launch.yahoo.com

# 14123. Re: [FT100] sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 11:59:45 UTC
From: john BUNKER
Topic: 14115  Message: 14123

The FT-100 works great on psk mode, I went to radio shack and got the min din plug and a 4 phono jack board and wired the two data outs and ptt and afsk in., then I made my own interface unit from radio shack transformers installed two pots and mounted them in a minibox. Using this setup I can adj. the TX and RX levels with out going back into the comp. sound card. Using DIGIPAN Software and cutting transmit level on FT-100 to 40 Watts really does the trick. But using the TX pot on the interface I can just tweek it so my ALC just barely indicates a level, there for not transmitting a wide signal. The other pot for receive level is handy because I can adj. the level going into the receiver and not overdrive it.
Subject: Re: [FT100] sound card interface for psk31

On Sunday 12 May 2002 06:05 pm, you wrote:
> i am looking for info on how to interface my ft100d to my pc's sound
> card for psk31. software i am using is digipan. i am wondering if i
> should hook up through the data port or through the mic connector.
> and if i go through the mic connector, where can i get a connector.
> i got the 6pin mini din from radio shack. how should i make the
> interface cable. any input would be appreciated. thanks.

I am using the minidin version from buxco. it uses the dataport rather
than the mic jack. This way, you don't have to disconnect and reconnect
the mic when playing with digital modes.

--
Alex
"Good judgment comes from experience,
and a lot of that comes from bad judgment"
8:00pm up 13 min, 2 users, load average: 1.10, 1.18, 0.68

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14124. Re: [FT100] sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:01:13 UTC
From: john BUNKER
Topic: 14115  Message: 14124

data port 1200

----- Original Message -----
From: kb9yet
Sent: Sunday, May 12, 2002 5:05 PM
To: FT100@yahoogroups.com
Subject: [FT100] sound card interface for psk31

i am looking for info on how to interface my ft100d to my pc's sound
card for psk31. software i am using is digipan. i am wondering if i
should hook up through the data port or through the mic connector.
and if i go through the mic connector, where can i get a connector.
i got the 6pin mini din from radio shack. how should i make the
interface cable. any input would be appreciated. thanks.

73
kb9yet
justin buell

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14125. Re: [FT100] CW filter woes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:04:51 UTC
From: john BUNKER
Topic: 14101  Message: 14125

RIG works great even with cw filter on cw.

----- Original Message -----
From: danbay
Sent: Monday, May 13, 2002 5:43 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] CW filter woes

when you select the cw filter the noise level will drop, find a cw sig
while in SSB then select CW and you will have to fine tune to get the
incoming cw in and a the tone you are use to.
W1WQ

---
> From: KENNETH ROBERT MCGUIRE <at902@...>
> To: FT100@yahoogroups.com
> Subject: [FT100] CW filter woes
> Date: Saturday, May 11, 2002 10:30 PM
>
> I tried to install XF-117C in my FT-100 (NO D). While the radio still
> works after the installation, there is almost no signal when the cw
filter
> is selected. Does anyone have any experience with this type of problem,
> or do I just have to go in there and look for solder bridges...
>
> For everybody's info, AES has the 500 Hz filter available for rather
> cheap...
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@...
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14126. RE: [FT100] Does anybody know how the BM-10 Heil-Headset sounds on this little baby???!!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:30:48 UTC
From: Marshall, Keith
Topic: 14072  Message: 14126

Hello Chris,
Yes I have use the BM-10 with the HC-5 element on my FT-100 and it works GREAT. I did have to adjust the audio DSP settings to get the audio I wanted but it was not a problem. I drive a 2001 Honda Civic LX with a 5 speed and the head set with the push to talk or VOX is great while shifting gears. Hope information is helpful.
73,
Keith, AB8BD

-----Original Message-----
From: 35IR184/35SD184/35LD184 [mailto:35AT184@...]
Sent: Friday, May 10, 2002 12:39 PM
To: 'FT100-Forum'
Subject: [FT100] Does anybody know how the BM-10 Heil-Headset sounds on this little baby???!!

Hi to all on the list!
Has anybody made an experience with a Heil-Headset like the BM-10 with
an HC4 on the FT100????
I am seriously thinking of buying one for mine, as I always wanted to
make "Vox" operation, but I haven't got a radio in the past which was
able to do it...

I visited Bob Heil´s site and made the sound comparisons between the HC5
and the HC4... I think I go for the HC4 "DX dream machine".... :-))))

I hope it will make my little "baby" scream hihi!!!

Greetings to all and have a nice weekend...

BTW I am on air tomorrow morning (8.00 CET) on 10 & 20m SSB & CW....
If you hear me callin´ try to come back to me....
Hope condx will be better than the last days...

OE5CSP Chris

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<http://us.adserver.yahoo.com/l?M=194081.2053425.3521449.1829184/D=egroupmail/S=1705063108:HM/A=1036975/rand=256712974>

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14127. ATAS-100 Mounting Issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:57:52 UTC
From: Raja Chatterjee
Topic: 14127  Message: 14127

Howdy all-
I'm looking at various ways to mount my ATAS-100 on my GMC Sonoma Pickup.
Due to frequent parking-garage entrance, the best place to mount for me is
the back bumper.
One of my buddies here suggested that the ATAS would not tune up if I placed
it so low on the vehicle. Any suggestions?
-raja

--
73's de KB6MTH
ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
Lati: 36° 06' 55" N
Long: 80° 21' 18" W
Grid: EM96TC
County: Forsyth

# 14128. Re: sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:58:45 UTC
From: jds7801
Topic: 14115  Message: 14128

Check out this site. You can build it without the isolation
transformers and it will work.

http://www.packetradio.com/00rascal/R-FTMDIN.gif

--- In FT100@y..., "john BUNKER" <bunkerj@m...> wrote:
> data port 1200
>
> ----- Original Message -----
> From: kb9yet
> Sent: Sunday, May 12, 2002 5:05 PM
> To: FT100@y...
> Subject: [FT100] sound card interface for psk31
>
> i am looking for info on how to interface my ft100d to my pc's
sound
> card for psk31. software i am using is digipan. i am wondering if i
> should hook up through the data port or through the mic connector.
> and if i go through the mic connector, where can i get a connector.
> i got the 6pin mini din from radio shack. how should i make the
> interface cable. any input would be appreciated. thanks.
>
> 73
> kb9yet
> justin buell
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
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>
> [Non-text portions of this message have been removed]

# 14129. Re: [FT100] ATAS Wobble or not to wobble is the question?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 12:59:45 UTC
From: j.essica
Topic: 14120  Message: 14129

Mine dosen't, and I only take normal care when mounting and unmounting the thing. It has to be tight on the mount or it will ( no shall ) wobble and the earth connection may be compromised.

I suppose it depends upon how paranoid you are. A wobble is eventual wear and tear but that said with something which is designed to move there is bound to be a bearing surface and some gap (however minute - or it would need a very big motor to shift it) and wobbling is bound to be felt.

Only you know how much force you are applying. Can you actually see the movement? If you can then I would suggest it is too much - if you can't then I would suggest it isn't.

For what it is worth that is my h'pennies worth.

James
M0GOA

----- Original Message -----
From: "zegoptyltd" <scott@...>
To: <FT100@yahoogroups.com>
Sent: Monday, May 13, 2002 7:56 AM
Subject: [FT100] ATAS Wobble or not to wobble is the question?

> Dear fellas,
>
> Have just mounted my ATAS and screwed it on whilst turning the lower
> 3" as I remember someone saying not to turn it from a higher position.
>
> My question is my ATAS wobbles above the lower 3" point, not much,
> but enough to be concerned is this normal?
>
> Thanks
>
> Scott
> VK2MEG
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.

>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 14130. Re: ATAS Wobble or not to wobble is the question?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 13:02:53 UTC
From: w1pa
Topic: 14120  Message: 14130

--- In FT100@y..., "zegoptyltd" <scott@z...> wrote:
> Dear fellas,
>
> Have just mounted my ATAS and screwed it on whilst turning the
lower
> 3" as I remember someone saying not to turn it from a higher
position.
>
> My question is my ATAS wobbles above the lower 3" point, not much,
> but enough to be concerned is this normal?
>
> Thanks
>
> Scott
> VK2MEG

Based on your description, I would slide up that bottom rubber ring (just above the bottom three inches) and tighten the three screws underneath it. See if that helps.

Bill
W1PA

# 14131. Re: sound card interface for psk31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 16:44:35 UTC
From: radiotube321
Topic: 14115  Message: 14131

I highly disagree with that. If you don't use a 1K to 8 ohm transformer for the soundcard input, the FT-100's 10Kohm output impeadance on the ADSK pin 5 will not be enough to drive any soundcard's mic or line level input fully. You need to use at least the 8-1000 transformer to lower the impeadance so that more power is transfered to the sound card's microphone amp.

--- In FT100@y..., "jds7801" <jsnoddy@e...> wrote:
> Check out this site. You can build it without the isolation
> transformers and it will work.
>
> http://www.packetradio.com/00rascal/R-FTMDIN.gif
>
> --- In FT100@y..., "john BUNKER" <bunkerj@m...> wrote:
> > data port 1200
> >
> > ----- Original Message -----
> > From: kb9yet
> > Sent: Sunday, May 12, 2002 5:05 PM
> > To: FT100@y...
> > Subject: [FT100] sound card interface for psk31
> >
> > i am looking for info on how to interface my ft100d to my pc's
> sound
> > card for psk31. software i am using is digipan. i am wondering if
i
> > should hook up through the data port or through the mic connector.
> > and if i go through the mic connector, where can i get a
connector.
> > i got the 6pin mini din from radio shack. how should i make the
> > interface cable. any input would be appreciated. thanks.
> >
> > 73
> > kb9yet
> > justin buell
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.

> >
> > Your use of Yahoo! Groups is subject to
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> >
> > [Non-text portions of this message have been removed]

# 14132. New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 16:45:30 UTC
From: radiotube321
Topic: 14132  Message: 14132

Does anybody know if there is going to be a better FT-100 or something similar announced at Dayton this week? I just bought an FT-100D last weekend, and I'm wondering if the price is going to go down further...

# 14133. Re: CW filter woes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 16:55:10 UTC
From: backhoefade
Topic: 14101  Message: 14133

It should have that typical "hollow" sort of sound when you select
the filter, in the absence of signals. The mid-band insertion loss
of the narrow filter is about 0 dB so you should hear signals if
they're present.

Try these steps:

1) Set the rig to CW mode.
2) Select the 2.4 kHz filter in the filter selection menu.
3) Tune in a fairly strong CW signal.
4) Switch to the CW 500 Hz filter.
5) Slightly re-tune the freq for peak response.

If you cannot hear the signal after switching to the 500 Hz filter
then you either a) don't have the filter properly soldered in.
(i.e. wrong physical filter position or bad
solder connection)
b) don't have the menu selection options set up
correctly.
c) Have a bad filter (very unlikely).
d) very unlikely forth consideration but worth a
look is to goto menu item 50 (I think it's 50)
and set the CW offset to 700 Hz if it's not
already there. This would only be an issue if it
was set to 400 Hz, and even then, that shouldn't
keep you from hearing signals; they will just
peak at 400 Hz through the CW filter. Set it for
700 Hz.

Somewhat separate from this but related; here's an operating hint for
the FT-100(D). Select the "CW" mode or the "CW-R" mode depending on
whether the band is generally LSB or USB so that when you switch
between SSB mode and CW mode you still hear the desired signal. If
you set it up wrong then when you tune in a CW signal while in the
SSB mode and then switch to CW mode you will no longer hear the
signal because the receiver's local oscillator will change in
frequency to permit you to hear the alternate image frequency. You
don't want to have to retune just because you changed modes. You'll
know you have the correct "CW" versus "CW-R" selection when you can
still copy the signal after you switch from SSB to CW.

Let me know what you find with the CW filter install issue.

N6AF Chas

--- In FT100@y..., KENNETH ROBERT MCGUIRE <at902@t...> wrote:
> I tried to install XF-117C in my FT-100 (NO D). While the radio

still
> works after the installation, there is almost no signal when the cw
filter
> is selected. Does anyone have any experience with this type of
problem,
> or do I just have to go in there and look for solder bridges...
>
> For everybody's info, AES has the 500 Hz filter available for rather
> cheap...
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@t...

# 14134. Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 17:05:00 UTC
From: backhoefade
Topic: 14132  Message: 14134

I have only heard that the FT-100D will continue on.
I think the prices are down along with the stock market and just about everything else. Turns out Ham radio is definitely NOT a 'rich man's hobby"; it's prices are very much subject to the state of the economy (Unlike the high-end yacht market). This is what the HRO manager told me. It's a buyer's market for certain right now. I saw the new FT-100D's for $789 at HRO. I won't say what I paid but it was well in excess of a kilobuck about 18 months ago. Also saw the FT-50r for $189. It's bizarre to go to the flea markets and see used stuff they're trying to sell for more than the price of new, better rigs. It's just a downturn. I remember during the 'dot-com' peak when VX-5R's were well over 300 bucks and FT-100D's were $1200. Enjoy it while it last cuz what goes down must go up.

N6AF Chas

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> Does anybody know if there is going to be a better FT-100 or
> something similar announced at Dayton this week? I just bought an FT-
> 100D last weekend, and I'm wondering if the price is going to go down
> further...

# 14135. FT-100D Manufacturing flaw?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 17:26:34 UTC
From: radiotube321
Topic: 14132  Message: 14135

I purchased an FT-100D this weekend, only to open it up and find out
that the top metal case is not flush with the front of the radio on
one corner (about 1cm behind where the front panel slides on).

Has anybody else noticed this? I think I should take it back and get
a new one.... I'm surprised it got passed Yaesu's quality check.

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I have only heard that the FT-100D will continue on.
> I think the prices are down along with the stock market and just
> about everything else. Turns out Ham radio is definitely NOT
a 'rich
> man's hobby"; it's prices are very much subject to the state of the
> economy (Unlike the high-end yacht market). This is what the HRO
> manager told me. It's a buyer's market for certain right now. I
saw
> the new FT-100D's for $789 at HRO. I won't say what I paid but it
> was well in excess of a kilobuck about 18 months ago. Also saw the
> FT-50r for $189. It's bizarre to go to the flea markets and see
used
> stuff they're trying to sell for more than the price of new, better
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> when VX-5R's were well over 300 bucks and FT-100D's were $1200.
> Enjoy it while it last cuz what goes down must go up.
>
> N6AF Chas
>
>
>
> --- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> > Does anybody know if there is going to be a better FT-100 or
> > something similar announced at Dayton this week? I just bought an
> FT-
> > 100D last weekend, and I'm wondering if the price is going to go
> down
> > further...

# 14136. ATAS "motor mount"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 17:59:50 UTC
From: randy_l_anderson
Topic: 14136  Message: 14136

Has anyone found a motorized antenna mount that will work with the ATAS antenna (similar to the Diamond K9000LRM)?

I think I can find away around the grounding issue, but the Diamond one is not rated for an antenna the size of the ATAS either.

Suggestions?

Thanks,

Randy

W0RLA

# 14137. Re: [FT100] Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 18:46:28 UTC
From: Paul Manuel
Topic: 14132  Message: 14137

--- backhoefade <cgarner@...> wrote:
> I think the prices are down along with the stock market and just
> about everything else.
I respectfully disagree about the ups and downs of the ham rig prices. I feel that what we are seeing mirrors what happens in other electronic fields...the new equipment is released at a certain price point and goes down from there. Something will come along, sooner or later, to replace the FT-100 at the $1300 price point. The VX-7 HT is in place where the VX-5 started, at about $380. The ICOM 746PRO comes in where the original 746 began, at about $1800. The same thing happens with computers, VCRs, car stereos, etc. You'll get more features with each generation at a given price, and prices for the established technology will fall (as long as it is available.)
HOWEVER, this is not to say that PERFORMANCE will necessarily increase, but the list of features will.
73,
Paul K4PDM

_____
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http://launch.yahoo.com

# 14138. Re: FT-100D Manufacturing flaw?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 18:47:00 UTC
From: backhoefade
Topic: 14132  Message: 14138

I had the same complaint with mine I bought about 18 months ago. Don't sweat it. When I took my rig apart to install the AM filter I had the opportunity to take a permanent ink marker and touch up the tiny bit of exposed metal. Once I 'painted' it black I never even noticed it again. You're going to love that little rig. Consider it a birthmark on your newborn.

I would be more interested to find out if yours has the spurious oscillation mod. You can tell by removing the top cover and checking if they installed some ground straps that are literally screwed into the horizontal chassis rib. You can check for the second important mod which is a temperature sensitive switch mounted on top of one of the VHF/UHF PA devices. You access that by removing the bottom of the cabinet. Without that 'fan mod' the fans won't run during extended VHF/UHF receiving which tends to heat the rig up - not a good thing.

Don't get frustrated with the FT-100D. It may need the two mods added but once they're done, it's a solid rig. I strongly suggest you also do the "N2ZD" mic mod. It will result in excellent transmit audio. The stock mic sounds a bit muffled due to a plastic "noise cancelling" baffle that's in front of the mic element.
That mic mod is at this website and also at http://www.mods.dk
There are some hints there on AM operation also. Enjoy the rig. The receiver is excellent and the transmit audio is too, once you mod the mic.
73 N6AF Chas

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> I purchased an FT-100D this weekend, only to open it up and find out
> that the top metal case is not flush with the front of the radio on
> one corner (about 1cm behind where the front panel slides on).
>
> Has anybody else noticed this? I think I should take it back and get
> a new one.... I'm surprised it got passed Yaesu's quality check.
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > I have only heard that the FT-100D will continue on.
> > I think the prices are down along with the stock market and just
> > about everything else. Turns out Ham radio is definitely NOT
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> > man's hobby"; it's prices are very much subject to the state of the
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> > manager told me. It's a buyer's market for certain right now. I
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it
> > was well in excess of a kilobuck about 18 months ago. Also saw
the
> > FT-50r for $189. It's bizarre to go to the flea markets and see
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> > stuff they're trying to sell for more than the price of new,
better
> > rigs. It's just a downturn. I remember during the 'dot-com'
peak
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> > Enjoy it while it last cuz what goes down must go up.
> >
> > N6AF Chas
> >
> >
> >
> > --- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
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an
> > FT-
> > > 100D last weekend, and I'm wondering if the price is going to
go
> > down
> > > further...

# 14139. Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 18:53:01 UTC
From: backhoefade
Topic: 14132  Message: 14139

You're probably right. It just seems like the prices really came down hard in the last year. I'm serious about what the HRO manager said when I commented on the prices. He said "it's the economy". At least the product cycle is slower than PCs. Boy I'll tell ya - within a few weeks it seems like the computer you buy is outdown by the next generation - although that's slowing down now. Who needs a 2 GHz processor other the the 13 year old gamer and the video editing guy? For the most part you can surf the web, pay your bills and send E-mail with a Pentium 80 MHz, even a 486 in a pinch.
N6AF Chas

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
>
> --- backhoefade <cgarner@h...> wrote:
> > I think the prices are down along with the stock market and just
> > about everything else.
> I respectfully disagree about the ups and downs of the ham rig prices. I
> feel that what we are seeing mirrors what happens in other electronic
> fields...the new equipment is released at a certain price point and goes
> down from there. Something will come along, sooner or later, to replace
> the FT-100 at the $1300 price point. The VX-7 HT is in place where the
> VX-5 started, at about $380. The ICOM 746PRO comes in where the original
> 746 began, at about $1800. The same thing happens with computers, VCRs,
> car stereos, etc. You'll get more features with each generation at a given
> price, and prices for the established technology will fall (as long as it
> is available.)
> HOWEVER, this is not to say that PERFORMANCE will necessarily increase,
> but the list of features will.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
> LAUNCH - Your Yahoo! Music Experience
> http://launch.yahoo.com

# 14140. Re: [FT100] FT-100D Manufacturing flaw?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 19:10:27 UTC
From: Mike May
Topic: 14132  Message: 14140

I wouldn't worry about the case being off a bit, so is mine and so are others that I have seen. I would check to see if the fan works in VHF/UHF rx and if the grounding straps are attached to the center spar of the radios chassis.

Mike
WB8VLC/7

radiotube321 wrote:

> I purchased an FT-100D this weekend, only to open it up and find out
> that the top metal case is not flush with the front of the radio on
> one corner (about 1cm behind where the front panel slides on).
>
> Has anybody else noticed this? I think I should take it back and get
> a new one.... I'm surprised it got passed Yaesu's quality check.
>
> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > I have only heard that the FT-100D will continue on.
> > I think the prices are down along with the stock market and just
> > about everything else. Turns out Ham radio is definitely NOT
> a 'rich
> > man's hobby"; it's prices are very much subject to the state of the
> > economy (Unlike the high-end yacht market). This is what the HRO
> > manager told me. It's a buyer's market for certain right now. I
> saw
> > the new FT-100D's for $789 at HRO. I won't say what I paid but it
> > was well in excess of a kilobuck about 18 months ago. Also saw the
> > FT-50r for $189. It's bizarre to go to the flea markets and see
> used
> > stuff they're trying to sell for more than the price of new, better
> > rigs. It's just a downturn. I remember during the 'dot-com' peak
> > when VX-5R's were well over 300 bucks and FT-100D's were $1200.
> > Enjoy it while it last cuz what goes down must go up.
> >
> > N6AF Chas
> >
> >
> >
> > --- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> > > Does anybody know if there is going to be a better FT-100 or
> > > something similar announced at Dayton this week? I just bought an
> > FT-
> > > 100D last weekend, and I'm wondering if the price is going to go
> > down
> > > further...

>
>
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var lrec_URL="http://rd.yahoo.com/M=225940.2049433.3518213.1829184/D=egroupweb/S=1705063108:HM/A=1061772/R=0/id=flashurl/*http://www.fullaccessmedical.com/t/7428/211/2458684356"; var lrec_flashfile="http://us.a1.yimg.com/us.yimg.com/a/1-/flash/misc/fam_lrec_groupsmail_0429b.swf"; var lrec_altURL="http://rd.yahoo.com/M=225940.2049433.3518213.1829184/D=egroupweb/S=1705063108:HM/A=1061772/R=1/id=altimgurl/*http://www.fullaccessmedical.com/t/7428/211/2458684356"; var lrec_altimg="http://us.a1.yimg.com/us.yimg.com/a/1-/flash/misc/fam_lrec_groupsmail_0429.gif"; var lrec_width=300; var lrec_height=250;[Image]

>
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> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
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--
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 14141. RE: [FT100] Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 20:02:51 UTC
From: Denny AD6EZ<><
Topic: 13992  Message: 14141

NS7K -

Before you buy that new Ford truck make the dealer agree to install the Fuel Pump RF filter!

73 de Denny AD6EZ<><

-----Original Message-----
From: NS7K [SMTP:ns7k@...]
Sent: Tuesday, May 07, 2002 2:42 PM
To: FT100@yahoogroups.com
Subject: [FT100] Ford trucks

I have a 1987 Ford truck and would like to know if any
one has had a ground problem with them.

Also Looking at getting a new 2002 Ford truck anyone having problems
with them using the FT 100d and ATAS 100?
NS7K

# 14142. Re: [FT100] Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 22:14:03 UTC
From: Jim Lasswell
Topic: 14132  Message: 14142

Hi Chas.. Jim here AD6DW. I am sorry I misses your email to me. We flew down to Cabo San Lucas and hooked up with some MARLIN. Wow. My aching back. Had fun though. Now on to some DX with my FT 100. All the reports I have been getting with it are good 59++++, so I guess it is doing OK. Thanks for all your help and Info. 73 de AD6DW Jim

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Monday, May 13, 2002 11:53 AM
Subject: [FT100] Re: New FT-100 @ Dayton??

You're probably right. It just seems like the prices really came
down hard in the last year. I'm serious about what the HRO manager
said when I commented on the prices. He said "it's the economy".
At least the product cycle is slower than PCs. Boy I'll tell ya -
within a few weeks it seems like the computer you buy is outdown by
the next generation - although that's slowing down now. Who needs a
2 GHz processor other the the 13 year old gamer and the video editing
guy? For the most part you can surf the web, pay your bills and send
E-mail with a Pentium 80 MHz, even a 486 in a pinch.
N6AF Chas

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
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> --- backhoefade <cgarner@h...> wrote:
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> I respectfully disagree about the ups and downs of the ham rig
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> fields...the new equipment is released at a certain price point and
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> down from there. Something will come along, sooner or later, to
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> the FT-100 at the $1300 price point. The VX-7 HT is in place where
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> VX-5 started, at about $380. The ICOM 746PRO comes in where the
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> 746 began, at about $1800. The same thing happens with computers,
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> car stereos, etc. You'll get more features with each generation at
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as it
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> but the list of features will.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
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> http://launch.yahoo.com

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[Non-text portions of this message have been removed]

# 14143. Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 23:26:58 UTC
From: backhoefade
Topic: 14132  Message: 14143

Last time we went to Cabo the only thing we caught was a catagory 1 hurricane. A day earlier we watched someone come in with a nice Marlin and some Dorado. Just like DXing, you gotta hit the condx when they're right.

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Hi Chas.. Jim here AD6DW. I am sorry I misses your email to me. We flew down to Cabo San Lucas and hooked up with some MARLIN. Wow. My aching back. Had fun though. Now on to some DX with my FT 100. All the reports I have been getting with it are good 59++++, so I guess it is doing OK. Thanks for all your help and Info. 73 de AD6DW Jim
>
>
>
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Monday, May 13, 2002 11:53 AM
> Subject: [FT100] Re: New FT-100 @ Dayton??
>
>
> You're probably right. It just seems like the prices really came
> down hard in the last year. I'm serious about what the HRO manager
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> At least the product cycle is slower than PCs. Boy I'll tell ya -

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> N6AF Chas
>
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> > --- backhoefade <cgarner@h...> wrote:
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> as it
> > is available.)
> > HOWEVER, this is not to say that PERFORMANCE will necessarily
> increase,
> > but the list of features will.
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> > Paul K4PDM
> >
> > _____
> > Do You Yahoo!?
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of

Service.
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>
>
> [Non-text portions of this message have been removed]

# 14144. Re: ATAS-100 Mounting Issues

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 03:41:51 UTC
From: am_fm_radio
Topic: 14127  Message: 14144

Look at my photo's (photo section 2002 GMC truck W8LM) of my mounting ham sticks on the big brother of your truck. I have been using that same ball mount on a '86 and '93 S-10...It can be "sandwiched" between the pickup bed and a cap or tonneau cover. With today's mounts, if your so inclined to buy over the counter. I bet one of those "hatchback" mounts will attach to the inner lip of the bedrail, and adjust so the antenna points up. With my mounts located over the drivers side tail light, a 20 meter hamstick will tune the entire 20 meter band without retuning the antenna. It's a great place to put a lowband antenna...keeps the RF far from the occupants.

Larry W8LM

--- In FT100@y..., Raja Chatterjee <kb6mth@a...> wrote:
> Howdy all-
> I'm looking at various ways to mount my ATAS-100 on my GMC Sonoma Pickup.
> Due to frequent parking-garage entrance, the best place to mount for me is
> the back bumper.
> One of my buddies here suggested that the ATAS would not tune up if I placed
> it so low on the vehicle. Any suggestions?
> -raja
>
> --
> 73's de KB6MTH
> ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
> Lati: 36° 06' 55" N
> Long: 80° 21' 18" W
> Grid: EM96TC
> County: Forsyth

# 14145. Re: Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 03:53:12 UTC
From: am_fm_radio
Topic: 13992  Message: 14145

Is that something that ford installs for free or do you have to buy it. My AM radio is almost useless because of the RF interference. Yes the Ford is out of warranty.... I think it's a plot to QRM Rush Limbaugh...

Larry W8LM
--- In FT100@y..., "Denny AD6EZ<><" <ad6ez@c...> wrote:
> NS7K -
>
> Before you buy that new Ford truck make the dealer agree to install the Fuel Pump RF filter!
>
> 73 de Denny AD6EZ<><
>
> -----Original Message-----
> From: NS7K [SMTP:ns7k@y...]
> Sent: Tuesday, May 07, 2002 2:42 PM
> To: FT100@y...
> Subject: [FT100] Ford trucks
>
> I have a 1987 Ford truck and would like to know if any
> one has had a ground problem with them.
>
> Also Looking at getting a new 2002 Ford truck anyone having problems
> with them using the FT 100d and ATAS 100?
> NS7K

# 14146. SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 04:46:42 UTC
From: wb0hhm
Topic: 14146  Message: 14146

Is most of the current FT-100D's comming with
the mods done or is there still some out there
that don't have it done? anyone know?

Ray WB0HHM

# 14147. RE: [FT100] CAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 08:52:22 UTC
From: Eric van de Weyer
Topic: 1966  Message: 14147

Hi Pres,

thanks for the reply however I have tried that. That was my first thing. the point was that it all worked perfectly the first time I tried it but then wouldn't work after that and the keyboard worked fine with a friend's 817. I also have a reply from John Hanson as well which I am about to reply to.

73....Eric VK2KUR
-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: Saturday, May 11, 2002 3:07 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] CAT

\>
> I got one of John Hanson's (W2FS) QSYer keyboard kits and built it up.
>
> When I first plugged it in to the FT100D to try it before putting it in
the
> box, it worked just fine. After I had installed it in it's box, however,
it
> wouldn't work any more. I have since tried it on a friend's FT817 and it
> works just fine so I am assuming that something has gone wrong with the
> interface inside the radio.
>

Basic questions:

Have you reset the data rate on the QSY'er to 4800 baud? Have you reset to FT-100 mode?

**4800
**100

Depending on your version, it might work after those keystrokes are entered.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

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Sex: F M

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[Non-text portions of this message have been removed]

# 14148. RE: [FT100] CAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 09:08:00 UTC
From: Eric van de Weyer
Topic: 1966  Message: 14148

Hi John,

Thanks for the reply.

I did try the things that Pres suggested first up but to no avail.

The thing is that when I first tested it, before doing the final mount in the box, it worked fine and I was very impressed with it.

After I finished mounting it, I tried it again and it wouldn't work any more. At first I thought that I'd maybe pulled a wire off, or something but everything looked OK.

I connected the output of the keyboard to a 'scope and it looked OK with nice 5V square waves each time I presses the # key.

I also hooked it up to a mate's FT817 and it worked perfectly with it so that is why I suspect that there is a problem with the CAT input on my radio.

I have had a look at the circuit to see where the interface goes to but, as yet, I haven't found it. The only thing that I can think of is that unplugging the lead from the keyboard, which would have briefly shorted the interface to ground, may have done some damage, although I wouldn't have thought it would. As I said, when I tested it on the 817, everything still worked OK.

I therefore really believe that the problem is not in the keyboard but is in the radio. I don't know much about the CAT interfacing although I am fairly familiar with computer interfacing in general having worked as a tech for many years.

I will keep your offer of a replacement chip in mind, John, but will explore other avenues before subjecting you to the expense as I don't think that that will fix the problem.

Unfortunately, I don't have anything else I can try into the interface to prove it once and for all.

73....Eric VK2KUR

-----Original Message-----
From: John Hansen [mailto:john@...]
Sent: Sunday, May 12, 2002 2:25 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] CAT

I believe Eric has one of the earlier models that does not change speeds. It is locked at 4800, which should be the correct speed for the FT-100. On the newer versions where it does change speeds, the command to do so is **480

I have had one report from someone else with a problem similar to Eric's. In that case, the problem was not the CAT interface inside the radio, since a CT-62 worked. I sent this fellow a new chip for his keypad and so far, I've not heard back as to whether that resolved the issue. Since I don't own an FT-100, it has been difficult to chase this down, but Pres has had the unit working with his FT-100 without problem.

Eric, I'd like to suggest that we start by having me send you a new chip for the keypad. There aren't a lot of changes between the one you have and
the new one (the ability to change speeds is the main one) but at least we will then know for sure that you are operating with the same chip that is working with Pres's FT-100. Drop me a private e-mail with your address and
I'll get one out to you. In the meantime, I would love to hear from others
about your experiences with the keypad and the FT-100.

Finally, I should note that the reason that I added the ability to change baud rates is that someone with an 817 wanted to use the keypad with his One Touch Tuner (OTT). Apparently the OTT is permanently configured for 9600 baud. That user found that the keypad coexisted well with the OTT (when it was set to 9600 baud) and that he was able to use both accessories
at the same time without modifying either of them. If you received one of the early keypads that does not support speed changes, but would like one that does, I'll be willing to send you an upgrade chip for free, if you like. Contact me privately off the list.

John W2FS
john@...

At 01:06 AM 5/11/02 -0400, you wrote:
>\>
> > I got one of John Hanson's (W2FS) QSYer keyboard kits and built it up.
> >
> > When I first plugged it in to the FT100D to try it before putting it in
>the
> > box, it worked just fine. After I had installed it in it's box, however,
>it
> > wouldn't work any more. I have since tried it on a friend's FT817 and it
> > works just fine so I am assuming that something has gone wrong with the
> > interface inside the radio.

> >
>
>Basic questions:
>
>Have you reset the data rate on the QSY'er to 4800 baud? Have you reset
to
>FT-100 mode?
>
>**4800
>**100
>
>Depending on your version, it might work after those keystrokes are
entered.

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Weight:
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[Non-text portions of this message have been removed]

# 14149. Re: [FT100] Digest Number 1227

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 11:53:50 UTC
From: Raja Chatterjee
Topic: 14149  Message: 14149

Thanks for the info. Because I enter a garage at work every day, my overhead clearance is 7'. In order to get the ATAS to clear, I need to get the base of the ATAS as low as possible. A bumper mount will be ok for clearance, but my concern is that the antenna will be too close to metal and detune. I'm looking for anyone who's mounted the ATAS bumper mount or hitch-mount style and what their experience has been.

Thanks to everyone for a very active list that I'm learning a lot from.

-raja

On 05/14/02 02:32, FT100@yahoogroups.com wrote:
> From: "am_fm_radio" <am_fm_radio@...>
> Subject: Re: ATAS-100 Mounting Issues
>
> Look at my photo's (photo section 2002 GMC truck W8LM) of my mounting
> ham sticks on the big brother of your truck. I have been using that
> same ball mount on a '86 and '93 S-10...It can be "sandwiched" between
> the pickup bed and a cap or tonneau cover. With today's mounts, if
> your so inclined to buy over the counter. I bet one of those
> "hatchback" mounts will attach to the inner lip of the bedrail, and
> adjust so the antenna points up. With my mounts located over the
> drivers side tail light, a 20 meter hamstick will tune the entire 20
> meter band without retuning the antenna. It's a great place to put a
> lowband antenna...keeps the RF far from the occupants.
>
> Larry W8LM
>
--
73's de KB6MTH
ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
Lati: 36° 06' 55" N
Long: 80° 21' 18" W
Grid: EM96TC
County: Forsyth

# 14150. Re: [FT100] ATAS "motor mount"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 14:34:24 UTC
From: David F. Morse
Topic: 14136  Message: 14150

---
Randy; I'm working on it! I have used the K9000 and it does work. One has to build a special mtg bracket for the motor. The K9000 holds up while driving around town but on the highway, 60mph, the ATAS100 won't stay in the vertical position, wind drag pulls it back to abt 45 degrees. When I lower the antenna to horizontal, I have built a slot for the ATAS100 to drop into to stabilize same. The K9000 really is not strong enough, IMO, to handle 4x4 work; but it does work and looks cool, if ur into that stuff.

My new design is based on this gadget:
http://www.allelectronics.com/cgi-bin/category.cgi?category=400&item=DCM-178&type=store

This gear motor is a real piece of work. I'll be using some parts off the K9000 for this project (the right angle coax mount). The motor is USA and the gear drive is China, u need two sets of tools to take it apart. Right now I'm trying to figure out motor limit switches and mounting thereof.
So far, I have determined that the drive will rotate the antenna 90 degrees in about 3 to 5 seconds at 12vdc; which is too fast for me, but may have to do. There is no lack of power, I think it would flip my Landcruiser over if tied down to something solid, hi!

David in Denver
k0dar
//////////////////

>Has anyone found a motorized antenna mount that will work with the
>ATAS antenna (similar to the Diamond K9000LRM)?
>
>I think I can find away around the grounding issue, but the Diamond
>one is not rated for an antenna the size of the ATAS either.
>
>Suggestions?
>
>Thanks,
>
>Randy
>
>W0RLA

--

# 14151. Re: New FT-100 @ Dayton??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 14:50:35 UTC
From: w8hq
Topic: 14132  Message: 14151

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> I have only heard that the FT-100D will continue on.
> I think the prices are down along with the stock market and just
> about everything else.

The multiyear depression in Japan and the past year's drop in the Yen value by over 13% are the main drivers of the price decreases. The only Japanese companies doing well are the automotives as they build and sell in the US. Toyota had record profits this year.

Take last year's prices and drop them by 13% and see what you get.

# 14152. Soundcard interface for PSK31

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-13 03:44:42 UTC
From: William Joseph Crossland
Topic: 14152  Message: 14152

Hi Justin,
Have a look at www.qsl.net/soundcardpacket/ for a heap of good info on soundcard interface building. The site deals with Packet using the soundcard but the interface is the same for PSK31.

Also look at www.packetradio.com/00rascal/R-FTMDIN.gif
for a drawing of a commercial interface.

I think that the data socket is the way to go. I am going away for a couple of weeks but on my return I will also be building one for both Packet and PSK31 (on VHF, not sure how that will go).

Kind regards,
Bill Crossland, (VK2-TPW)
Ballina, NSW,
Australia.
Email : crosland@...
packet : vk2tpw@vk2jsm.#ne.nsw.aus.oc
Visit my Home Page at http://www.nrg.com.au/~crosland
Researching:
Yorkshire: Crosland,Crossland,Whitehead,Kippus,Kippax,Haigh,Sykes.
Cheshire: Morris,Lockwood.
London: Vote,Sly
Australia: McCann, Lovell, Stockbridge, Castle, Dwyer

# 14153. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 13:01:11 UTC
From: kg4qqx
Topic: 14146  Message: 14153

I bought my FT-100D in February (manufactured in July of 2001 according to the serial number) and recently contacted the factory regarding excessive heat on VHF/UHF, as well as to inquire on the SWR Mod. They indicated that they only do the modifications on request as "many radios never need them". After trolling this site it seems obvious to me that all the radios need the mods done it's just that some folks don't have it done or, as in one case I read about recently, they don't experience problems until it's beyond the warrantee period after which it can be very costly particularly if it's caused catastrophic failure in one form or another....

Personally I'll be sending mine in after field day as their turn around time was quoted as 4 to 5 weeks (being a cynic, I suspect that it is likely more rather than less).

73,
KG4QQX (Patrick E. Donohue)

--- In FT100@y..., "wb0hhm" <wb0hhm@y...> wrote:
> Is most of the current FT-100D's comming with
> the mods done or is there still some out there
> that don't have it done? anyone know?
>
> Ray WB0HHM

# 14154. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 15:41:00 UTC
From: backhoefade
Topic: 14146  Message: 14154

I saw a couple posts that suggested that units manufactured after about June 2001 have the proper screwed in ground strap which addresses the spurious oscillation issue. You can tell if you have that mod by checking under the top cover to see if the strap is screwed into the horizontal chassis rib. Some people have attempted the mod themselves but I don't recommend it since you will void the warranty. The date codes are misleading so it seems that the only way to know if you have the spurious mod is to open the top.

The second mod which permits the fans to turn on automatically during long receive only periods on VHF/UHF operation requires a return to the service center if you want the "factory" fix which is the addition of a temperature sensitive switch to the PA device. An alternative that a lot of people seem happy with is to add a resistor to the fan circuit that keeps it spinning during receive. I experimented with values and found that a reasonable trade-off for noise was around 180 Ohms. But I would recommend sending the rig in for the "factory" fan mod. I did the "factory" mod.

As far as the percentage of FT-100Ds that have needed the spurious mod check out the Polls section of this website.

N6AF Chas

> Is most of the current FT-100D's comming with
> the mods done or is there still some out there
> that don't have it done? anyone know?
>
> Ray WB0HHM

# 14155. Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 15:50:05 UTC
From: Pres Waterman
Topic: 13992  Message: 14155

Is that something that ford installs for free

No

or do you have to buy
it. My AM radio is almost useless because of the RF interference. Yes
the Ford is out of warranty.... I think it's a plot to QRM Rush
Limbaugh...

Larry W8LM
--- In FT100@y..., "Denny AD6EZ<><" <ad6ez@c...> wrote:
> NS7K -
>
> Before you buy that new Ford truck make the dealer agree to install
the Fuel Pump RF filter!

Be aware that you are asking for a several hundred dollar discount, so keep
it in mind in your negotiations.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14156. Re: [FT100] Ford trucks

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 16:05:37 UTC
From: Norm, W3IZ
Topic: 13992  Message: 14156

.... I think it's a plot to QRM Rush
Limbaugh...

Larry W8LM

Rush IS QRM

[Non-text portions of this message have been removed]

# 14157. Re: [FT100] Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 16:30:41 UTC
From: Dick Thompson
Topic: 14146  Message: 14157

My FT-100D was manufactured in October 2001 and it had neither mod. I did the mic mod and the fan mod (51 ohm resistor) and it works great. The fan is no louder than the HF side and the only reason you can hear it at all is because the VHF/UHF bands are squelched and no noise coming from the rx. Since adding the resistor it runs much cooler, but it was never so hot that I couldn't touch it as some folks claimed theirs were.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Tuesday, May 14, 2002 9:41 AM
Subject: [FT100] Re: SWR and Fan Mod on FT-100D

I saw a couple posts that suggested that units manufactured after
about June 2001 have the proper screwed in ground strap which
addresses the spurious oscillation issue. You can tell if you have
that mod by checking under the top cover to see if the strap is
screwed into the horizontal chassis rib. Some people have attempted
the mod themselves but I don't recommend it since you will void the
warranty. The date codes are misleading so it seems that the only
way to know if you have the spurious mod is to open the top.

The second mod which permits the fans to turn on automatically during
long receive only periods on VHF/UHF operation requires a return to
the service center if you want the "factory" fix which is the
addition of a temperature sensitive switch to the PA device. An
alternative that a lot of people seem happy with is to add a resistor
to the fan circuit that keeps it spinning during receive. I
experimented with values and found that a reasonable trade-off for
noise was around 180 Ohms. But I would recommend sending the rig in
for the "factory" fan mod. I did the "factory" mod.

As far as the percentage of FT-100Ds that have needed the spurious mod
check out the Polls section of this website.

N6AF Chas

> Is most of the current FT-100D's comming with
> the mods done or is there still some out there
> that don't have it done? anyone know?
>
> Ray WB0HHM

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[Non-text portions of this message have been removed]

# 14158. AW: [FT100] Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 16:41:03 UTC
From: 35IR184/35SD184/35LD184
Topic: 14146  Message: 14158

Just want to give my 5 cents to this topic...

My FT100D was built in December 2001, the mods have been done...
So If anyone wants to buy this GREAT LITTLE RIG (I really love it,
besides my girlfriend its Nr. 2 hehehehehe!!!) just remember to ask the
dealer to sell a FT100D in a box with a BIG GREEN DOT on it!!

This is the sign that all the mods have been done lately in the firm....
If you want to be at 100% just check the serialnr also.....

BTW my fan runs on VHF/UHF all the time.... So you can always touch the
top cover of the radio without burning your hands....

I am not employed at YAESU...
BUT I MUST SAY: HEY BOYS OUT THERE NO MATTER IF YOU ARE JUST ON VHF/UHF
OR HF, GET THIS RIG!!!!!!!!!!!!!!!
YOU WILL NOT FIND A BETTER ONE RIGHT NOW....(Forget "ICUM"....Alinco
DX70....TS50...tried them all... but never had such good reports on
TX/RX as on the FT100D!!)

The only thing I still want for this SUPER MOBILE RIG is the ATAS100 &
the BM-10 Heil headset... I think I have to go shopping next month ...
:-)))

Greetings to all
Chris OE5CSP

# 14159. Re: [FT100] SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 18:30:33 UTC
From: xdsvdfs xyzfd
Topic: 14146  Message: 14159

No, they don't come with the fan mod. Yaesu doesn't
think the FT-100D really needs it... All I can say is,
that in 6 hours of UHF or VHF receive without a single
transmit, the unit gets warm.

--- wb0hhm <wb0hhm@...> wrote:
> Is most of the current FT-100D's comming with
> the mods done or is there still some out there
> that don't have it done? anyone know?
>
> Ray WB0HHM
>
>

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# 14160. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 18:39:34 UTC
From: backhoefade
Topic: 14146  Message: 14160

Did you do the spurious oscillation mod? You mentioned that you did
both mods but then only talked about the mic mod and fan mod.

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> My FT-100D was manufactured in October 2001 and it had neither
mod. I did the mic mod and the fan mod (51 ohm resistor) and it
works great. The fan is no louder than the HF side and the only
reason you can hear it at all is because the VHF/UHF bands are
squelched and no noise coming from the rx. Since adding the resistor
it runs much cooler, but it was never so hot that I couldn't touch it
as some folks claimed theirs were.
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Tuesday, May 14, 2002 9:41 AM
> Subject: [FT100] Re: SWR and Fan Mod on FT-100D
>
>
> I saw a couple posts that suggested that units manufactured after
> about June 2001 have the proper screwed in ground strap which
> addresses the spurious oscillation issue. You can tell if you
have
> that mod by checking under the top cover to see if the strap is
> screwed into the horizontal chassis rib. Some people have
attempted
> the mod themselves but I don't recommend it since you will void
the
> warranty. The date codes are misleading so it seems that the
only
> way to know if you have the spurious mod is to open the top.
>
> The second mod which permits the fans to turn on automatically
during
> long receive only periods on VHF/UHF operation requires a return
to
> the service center if you want the "factory" fix which is the
> addition of a temperature sensitive switch to the PA device. An
> alternative that a lot of people seem happy with is to add a
resistor
> to the fan circuit that keeps it spinning during receive. I

> experimented with values and found that a reasonable trade-off
for
> noise was around 180 Ohms. But I would recommend sending the rig
in
> for the "factory" fan mod. I did the "factory" mod.
>
>
> As far as the percentage of FT-100Ds that have needed the
spurious mod
> check out the Polls section of this website.
>
> N6AF Chas
>
> > Is most of the current FT-100D's comming with
> > the mods done or is there still some out there
> > that don't have it done? anyone know?
> >
> > Ray WB0HHM
>
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> We are all a part of this Lets make it as good as possible.
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>
> [Non-text portions of this message have been removed]

# 14161. Warm operation on VHF/UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 18:50:53 UTC
From: backhoefade
Topic: 14146  Message: 14161

I will never understand their attitude about the heat build-up during long receive periods on VHF/UHF. I have read several reports of loss of receiver sensitivity due to this so how can that be OK? Also, by my experience you want to design for cool operation in order to extend component life. So here is a case where Yaesu is being very "un-cool"!

--- In FT100@y..., xdsvdfs xyzfd <radiotube321@y...> wrote:
> No, they don't come with the fan mod. Yaesu doesn't
> think the FT-100D really needs it... All I can say is,
> that in 6 hours of UHF or VHF receive without a single
> transmit, the unit gets warm.
>
> --- wb0hhm <wb0hhm@y...> wrote:
> > Is most of the current FT-100D's comming with
> > the mods done or is there still some out there
> > that don't have it done? anyone know?
> >
> > Ray WB0HHM
> >
> >
>
>
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# 14162. Re: [FT100] SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 19:06:29 UTC
From: Dick Thompson
Topic: 14146  Message: 14162

Ray, there is a very simple solution to the heat problem. I got it from someone else on this reflector, but it works. I, like the person who gave me the idea, didn't want to do any soldering inside my FT-100D before the warranty period had expired. So, I took a 51 ohn resistor, cut one side of the lead a little and firmly (I emphasize "firmly") inserted the end into the back wire connector from one of the fans that is plugged into the circuit board. It doesn't make any difference which fan you choose. The other end, I left it long enough to reach the hole where the top of the rig screws down to the rib of the chassis on top. I formed a small loop in the end of the wire and cut off the excess and made sure that when I replaced the screw in the center that the small loop was directly under the hole in the top of the cabinet. When I screwed it down it held in place. (I added a piece of electrical tape to keep the resistor from touching any other critical circuits inside. When I leave my 100D on VHF/UHF receive, it stays as cool as can be. Virtually no heat. I have not done the SWR mod, as I have yet to have a high swr problem. I also did the mic mod and removed the baffle inside the mike and pushed a sewing needle through the closed hole. It made a big difference.

The above fan mod is very simple to do and requires no soldering.

Good luck.

73,

Dick
WB0DUL@...
----- Original Message -----
From: xdsvdfs xyzfd
To: FT100@yahoogroups.com
Sent: Tuesday, May 14, 2002 12:30 PM
Subject: Re: [FT100] SWR and Fan Mod on FT-100D

No, they don't come with the fan mod. Yaesu doesn't
think the FT-100D really needs it... All I can say is,
that in 6 hours of UHF or VHF receive without a single
transmit, the unit gets warm.

--- wb0hhm <wb0hhm@...> wrote:
> Is most of the current FT-100D's comming with
> the mods done or is there still some out there
> that don't have it done? anyone know?
>
> Ray WB0HHM
>
>

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[Non-text portions of this message have been removed]

# 14163. Re: [FT100] Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 19:08:21 UTC
From: Dick Thompson
Topic: 14146  Message: 14163

No, I only did the fan and mic mod. I've not had any problem with the high swr icon popping up. I don't like the idea of drilling a hole in the chassis rib and putting a screw though it. Especially since it is still under warranty.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Tuesday, May 14, 2002 12:39 PM
Subject: [FT100] Re: SWR and Fan Mod on FT-100D

Did you do the spurious oscillation mod? You mentioned that you did
both mods but then only talked about the mic mod and fan mod.

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> My FT-100D was manufactured in October 2001 and it had neither
mod. I did the mic mod and the fan mod (51 ohm resistor) and it
works great. The fan is no louder than the HF side and the only
reason you can hear it at all is because the VHF/UHF bands are
squelched and no noise coming from the rx. Since adding the resistor
it runs much cooler, but it was never so hot that I couldn't touch it
as some folks claimed theirs were.
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Tuesday, May 14, 2002 9:41 AM
> Subject: [FT100] Re: SWR and Fan Mod on FT-100D
>
>
> I saw a couple posts that suggested that units manufactured after
> about June 2001 have the proper screwed in ground strap which
> addresses the spurious oscillation issue. You can tell if you
have
> that mod by checking under the top cover to see if the strap is
> screwed into the horizontal chassis rib. Some people have
attempted
> the mod themselves but I don't recommend it since you will void
the

> warranty. The date codes are misleading so it seems that the
only
> way to know if you have the spurious mod is to open the top.
>
> The second mod which permits the fans to turn on automatically
during
> long receive only periods on VHF/UHF operation requires a return
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> the service center if you want the "factory" fix which is the
> addition of a temperature sensitive switch to the PA device. An
> alternative that a lot of people seem happy with is to add a
resistor
> to the fan circuit that keeps it spinning during receive. I
> experimented with values and found that a reasonable trade-off
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> noise was around 180 Ohms. But I would recommend sending the rig
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> for the "factory" fan mod. I did the "factory" mod.
>
>
> As far as the percentage of FT-100Ds that have needed the
spurious mod
> check out the Polls section of this website.
>
> N6AF Chas
>
> > Is most of the current FT-100D's comming with
> > the mods done or is there still some out there
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> >
> > Ray WB0HHM
>
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[Non-text portions of this message have been removed]

# 14164. Re: ATAS "motor mount"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 23:11:17 UTC
From: randy_l_anderson
Topic: 14136  Message: 14164

David:

Interesting. Good to hear your feedback on the K9000 option. It won't due for me given what you found, as I will be mounting it on a 4x4 as well. Its interesting the brake on your gear motor is 24V and the motor itself is 12V?? I may go the route of building something as well but I really have enough projects, if you know what I mean.

I would be interested in an update when you get something running.

Thanks for the info,

Randy

WØRLA
(also in the metro Denver area)

# 14165. Re: ATAS Wobble or not to wobble is the question?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 01:22:43 UTC
From: zegoptyltd
Topic: 14120  Message: 14165

Dear Bill

You were right!

All three screws were loose. Loose that is hanging out 2-3mm.

In fact they even had the pinky/red loctight still on them.

This leads me to think the ATAS was assembled loosly and they forgot
to tighten the lower screws.

Yes the upper ones were tight against the washers.

So all you guys and girls out there running ATAS's check them befor
they wear a large hole in the outer tubing.

Thanks again Bill!

Scott A.Evans
VK2MEG
ZEGO PTY LTD
E-Mail: scott@...
Web: www.zego.com.au
ZEGO it's ZEE GO!!!

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
> --- In FT100@y..., "zegoptyltd" <scott@z...> wrote:
> > Dear fellas,
> >
> > Have just mounted my ATAS and screwed it on whilst turning the
> lower
> > 3" as I remember someone saying not to turn it from a higher
> position.
> >
> > My question is my ATAS wobbles above the lower 3" point, not
much,
> > but enough to be concerned is this normal?
> >
> > Thanks
> >
> > Scott
> > VK2MEG
>
> Based on your description, I would slide up that bottom rubber ring
> (just above the bottom three inches) and tighten the three screws
> underneath it. See if that helps.
>

> Bill
> W1PA

# 14166. Wednesday 6 meter net

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 01:48:39 UTC
From: n8uvq@juno.com
Topic: 14166  Message: 14166

Everyone: On Wednesday nights at 9:00 PM EDT (01:00 UTC, Thursday
morning ),
the Triple States Radio Amateur Club (TSRAC) has an ALL MODE 6 meter net
on
50.150 MHz. Check in sequence is as follows: SSB, AM, FM*, and CW.
TSRAC
Headquarters is located near Wheeling, WV in grid EN90. Please point
your beams
toward Wheeling and attempt to check in. Everyone via any of the above
modes
is welcome.

*FM frequency is 51.150 MHz.

**********
*******
Mark - N8UVQ - Grid Square: EN90rg
e-mail: N8UVQ@...
**********
*******

_____
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# 14167. FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 02:22:47 UTC
From: n8uvq@juno.com
Topic: 14167  Message: 14167

My FT-100 returned from Yaesu's hospital, on 14-May-02. They received it on 23-March-02. That's a fifty-two day turn around. I requested that they
do all the mods and bring the transceiver up to specs. Here's what Yaesu replaced:

2 fittings #R0134490
1 thermal guard #N7090039
1 chip cap. #K22170219
2 FET MRF255 FT-920 #G3090120

Looks like they spent about two hours doing the repairs.

SWR problem appears corrected. On VHF/UHF bands, the fan cycles during receive. It does not constantly run, at a slow speed, as others have indicated.

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

---
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# 14168. Re: [FT100] FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 02:38:35 UTC
From: Michael A. Waldron
Topic: 14167  Message: 14168

You're doing better than me.

I sent mine in, UPS lost it for 2 weeks, now Yaesu has had it for an additional 2 weeks, and when I called to check on status all I got was "it arrived in damaged condition".

They don't know what the damage is since they evidently just hold it indefinitely items that arrive damaged. It was assigned it to a tech today and I hope to hear about it's status tomorrow. The guy I have been dealing with on the phone has been helpful, but quite absent minded (or possibly busy out of his mind).

I gave them my cell phone number since I'm leaving for a vacation weekend in Dayton, I hope to hear if I need to buy a shiny new one or not :-) I'd really be pissed if they tell me _next_ week it's totalled.

-Mike, off to Dayton!

At 02:22 AM 5/15/2002 +0000, you wrote:
>My FT-100 returned from Yaesu's hospital, on 14-May-02. They received
>it on 23-March-02. That's a fifty-two day turn around. I requested that
>they
>do all the mods and bring the transceiver up to specs. Here's what Yaesu
>replaced:
>
>2 fittings #R0134490
>1 thermal guard #N7090039
>1 chip cap. #K22170219
>2 FET MRF255 FT-920 #G3090120
>
>Looks like they spent about two hours doing the repairs.
>
>SWR problem appears corrected. On VHF/UHF bands, the fan cycles during
>receive. It does not constantly run, at a slow speed, as others have
>indicated.
>
>
>-
>**********
*****
> Mark
>- N8UVQ - e-mail: N8UVQ@...
>**********
*****
>
>

>_____
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>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

# 14169. Oops!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 02:53:49 UTC
From: n8uvq@juno.com
Topic: 14169  Message: 14169

I inadvertently sent a message about the TSRAC 6 meter net.
It doesn't exactly pertain to Yaesu, but the FT-100 has 6 meter
capability and that message was radio related. If you can, check
into the net.

As for the Reflector Police, please accept my apology.

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

---
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# 14170. RE: [FT100] FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 03:14:15 UTC
From: VA3FD
Topic: 14167  Message: 14170

I can't remember if it was THIS group or another that has discussed UPS
in
the past... but I can summarize the almost unanimous (humble) opinions
that
were posted about using UPS, in one word...
"DON'T".

73 de Fred
VA3FD
KC2JMG

<http://guns-n-radios.com/ham.html>

-----Original Message-----
From: Michael A. Waldron [mailto:mikew@...]
Sent: Tuesday, May 14, 2002 10:39 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] FT-100 Finally!

You're doing better than me.

I sent mine in, UPS lost it for 2 weeks, now Yaesu has had it for an
additional 2 weeks, and when I called to check on status all I got was
"it
arrived in damaged condition".

They don't know what the damage is since they evidently just hold it
indefinitely items that arrive damaged. It was assigned it to a tech
today
and I hope to hear about it's status tomorrow. The guy I have been
dealing
with on the phone has been helpful, but quite absent minded (or possibly

busy out of his mind).

I gave them my cell phone number since I'm leaving for a vacation
weekend
in Dayton, I hope to hear if I need to buy a shiny new one or not :-)
I'd
really be pissed if they tell me _next_ week it's totalled.

-Mike, off to Dayton!

[Non-text portions of this message have been removed]

# 14171. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 05:05:17 UTC
From: w6zip
Topic: 14146  Message: 14171

In addition to all of the posts dealing with the three mods, for my FT-100D installed in the mobile with the romote mount and cabling, I added a Radio Shack indoor/outdoor digital thermometer (on sale for around $12) and ran the outdoor sensor to the rig case and attached it with a nice 3" piece of electrical tape. Running the rig in the high desert, I figured I would add an extra measure of precaution to monitor the case temp this way. I still take the remote face inside during the real heat of the day to avoid any sm problems in the future.
Back in my hole >
73,
John W6ZIP
Victorville, Ca.
>
> The above fan mod is very simple to do and requires no soldering.
>
> Good luck.
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: xdsvdfs xyzfd
> To: FT100@y...
> Sent: Tuesday, May 14, 2002 12:30 PM
> Subject: Re: [FT100] SWR and Fan Mod on FT-100D
>
>
> No, they don't come with the fan mod. Yaesu doesn't
> think the FT-100D really needs it... All I can say is,
> that in 6 hours of UHF or VHF receive without a single
> transmit, the unit gets warm.
>
> --- wb0hhm <wb0hhm@y...> wrote:
> > Is most of the current FT-100D's comming with
> > the mods done or is there still some out there
> > that don't have it done? anyone know?
> >
> > Ray WB0HHM
> >
> >
>
>
> _____

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> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 14172. Re: [FT100] FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 10:47:30 UTC
From: byrddawg
Topic: 14167  Message: 14172

Hi Fred......Maybe this is appropriate...Paul, KD5KCZ

VA3FD wrote:

> I can't remember if it was THIS group or another that has discussed
> UPS
> in
> the past... but I can summarize the almost unanimous (humble) opinions
>
> that
> were posted about using UPS, in one word...
> "DON'T".
>
> 73 de Fred
> VA3FD
> KC2JMG
>
>
> <http://guns-n-radios.com/ham.html>
>
> -----Original Message-----
> From: Michael A. Waldron [mailto:mikew@...]
> Sent: Tuesday, May 14, 2002 10:39 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT-100 Finally!
>
>
> You're doing better than me.
>
> I sent mine in, UPS lost it for 2 weeks, now Yaesu has had it for an
> additional 2 weeks, and when I called to check on status all I got was
>
> "it
> arrived in damaged condition".
>
> They don't know what the damage is since they evidently just hold it
> indefinitely items that arrive damaged. It was assigned it to a tech
> today
> and I hope to hear about it's status tomorrow. The guy I have been
> dealing
> with on the phone has been helpful, but quite absent minded (or
> possibly
>
> busy out of his mind).
>

> I gave them my cell phone number since I'm leaving for a vacation
> weekend
> in Dayton, I hope to hear if I need to buy a shiny new one or not :-)
> I'd
> really be pissed if they tell me _next_ week it's totalled.
>
> -Mike, off to Dayton!
>
>
>
>
> [Non-text portions of this message have been removed]
>
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>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14173. Warm operation on VHF/UHF

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 14:38:49 UTC
From: Bob Evans
Topic: 14146  Message: 14173

Try turning your supply voltage down a volt or so. I was getting "warm" operation on receive and the fan would occasionally kick on, so I decided to check the supply voltage. It was set to 14.6 volts. I think I cranked it up originally to get as much power out as possible...I came to my senses and turned it down to 12.5VDC. It now runs cooler and the fans never have to kick on in receive. I've never had to do the fan or SWR mod after two years of heavy operation. It is still a great rig!

Bob K5WA

# 14174. RE: [FT100] FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 14:39:04 UTC
From: Paul Manuel
Topic: 14167  Message: 14174

I second this emotion. UPS has been really bad lately. Use them only for
something that CANNOT be broken.
73,
Paul K4PDM
--- VA3FD <va3fd@...> wrote:
> I can't remember if it was THIS group or another that has discussed UPS
> in
> the past... but I can summarize the almost unanimous (humble) opinions
> that
> were posted about using UPS, in one word...
> "DON'T".
>
> 73 de Fred
> VA3FD
> KC2JMG
>
>
> <http://guns-n-radios.com/ham.html>
>
> -----Original Message-----
> From: Michael A. Waldron [mailto:mikew@...]
> Sent: Tuesday, May 14, 2002 10:39 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT-100 Finally!
>
>
> You're doing better than me.
>
> I sent mine in, UPS lost it for 2 weeks, now Yaesu has had it for an
> additional 2 weeks, and when I called to check on status all I got was
> "it
> arrived in damaged condition".
>
> They don't know what the damage is since they evidently just hold it
> indefinitely items that arrive damaged. It was assigned it to a tech
> today
> and I hope to hear about it's status tomorrow. The guy I have been
> dealing
> with on the phone has been helpful, but quite absent minded (or possibly
>
> busy out of his mind).
>
> I gave them my cell phone number since I'm leaving for a vacation
> weekend
> in Dayton, I hope to hear if I need to buy a shiny new one or not :-)

> I'd
> really be pissed if they tell me _next_ week it's totalled.
>
> -Mike, off to Dayton!
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

_____
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# 14175. Re: FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 14:43:08 UTC
From: backhoefade
Topic: 14167  Message: 14175

The Yaesu fan mod does not have the fans running all the time -
someone must have been talking about the "resistor mod" approach.
So I assume you can see the ground straps screwed into the horizontal
chassis rib under the top cover? That's the proper spurious
oscillation mod. The MRF 255's are final amps so I guess you had
blown it up (probably due to the spurious oscillation). Now all you
have to do is the microphone mod and your transmit audio will be
superb. Check how to do it either here or at http://www.mods.dk
Highly recommended.
73 es enjoy your now rock solid FT-100D.

N6AF Chas

--- In FT100@y..., n8uvq@j... wrote:
> My FT-100 returned from Yaesu's hospital, on 14-May-02. They
received
> it on 23-March-02. That's a fifty-two day turn around. I
requested that
> they
> do all the mods and bring the transceiver up to specs. Here's what
Yaesu
> replaced:
>
> 2 fittings #R0134490
> 1 thermal guard #N7090039
> 1 chip cap. #K22170219
> 2 FET MRF255 FT-920 #G3090120
>
> Looks like they spent about two hours doing the repairs.
>
> SWR problem appears corrected. On VHF/UHF bands, the fan cycles
during
> receive. It does not constantly run, at a slow speed, as others
have
> indicated.
>
>
> -
>
**********
**********
> Mark
> - N8UVQ - e-mail: N8UVQ@j...
>
**********

**********
>
>
> _____
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# 14176. Re: [FT100] FT-100 Finally!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 14:45:28 UTC
From: Dick Thompson
Topic: 14167  Message: 14176

Well, if UPS breaks it and it arrives at the destination in that condition, then UPS should pay for a new one, provided it was insured for more than the standard $100 they provide. I can't envision anyone shipping anything of value by UPS and not insuring it for maximum value.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Paul Manuel
To: FT100@yahoogroups.com
Sent: Wednesday, May 15, 2002 8:39 AM
Subject: RE: [FT100] FT-100 Finally!

I second this emotion. UPS has been really bad lately. Use them only for
something that CANNOT be broken.
73,
Paul K4PDM
--- VA3FD <va3fd@...> wrote:
> I can't remember if it was THIS group or another that has discussed UPS
> in
> the past... but I can summarize the almost unanimous (humble) opinions
> that
> were posted about using UPS, in one word...
> "DON'T".
>
> 73 de Fred
> VA3FD
> KC2JMG
>
>
> <http://guns-n-radios.com/ham.html>
>
> -----Original Message-----
> From: Michael A. Waldron [mailto:mikew@...]
> Sent: Tuesday, May 14, 2002 10:39 PM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] FT-100 Finally!
>
>
> You're doing better than me.
>
> I sent mine in, UPS lost it for 2 weeks, now Yaesu has had it for an
> additional 2 weeks, and when I called to check on status all I got was
> "it

> arrived in damaged condition".
>
> They don't know what the damage is since they evidently just hold it
> indefinitely items that arrive damaged. It was assigned it to a tech
> today
> and I hope to hear about it's status tomorrow. The guy I have been
> dealing
> with on the phone has been helpful, but quite absent minded (or possibly
>
> busy out of his mind).
>
> I gave them my cell phone number since I'm leaving for a vacation
> weekend
> in Dayton, I hope to hear if I need to buy a shiny new one or not :-)
> I'd
> really be pissed if they tell me _next_ week it's totalled.
>
> -Mike, off to Dayton!
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

---
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[Non-text portions of this message have been removed]

# 14177. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 14:46:24 UTC
From: backhoefade
Topic: 14146  Message: 14177

So what is your "shut down" temperature, where is the sensor attached
and how did you arrive at the specific "shut down" temperature?
N6AF Chas

--- In FT100@y..., "w6zip" <w6zip@y...> wrote:
> In addition to all of the posts dealing with the three mods, for my
> FT-100D installed in the mobile with the romote mount and cabling,
I
> added a Radio Shack indoor/outdoor digital thermometer (on sale for
> around $12) and ran the outdoor sensor to the rig case and attached
> it with a nice 3" piece of electrical tape. Running the rig in the
> high desert, I figured I would add an extra measure of precaution
to
> monitor the case temp this way. I still take the remote face inside
> during the real heat of the day to avoid any sm problems in the
> future.
> Back in my hole >
> 73,
> John W6ZIP
> Victorville, Ca.
> >
> > The above fan mod is very simple to do and requires no
soldering.
> >
> > Good luck.
> >
> > 73,
> >
> > Dick
> > WB0DUL@a...
> > ----- Original Message -----
> > From: xdsvdfs xyzfd
> > To: FT100@y...
> > Sent: Tuesday, May 14, 2002 12:30 PM
> > Subject: Re: [FT100] SWR and Fan Mod on FT-100D
> >
> >
> > No, they don't come with the fan mod. Yaesu doesn't
> > think the FT-100D really needs it... All I can say is,
> > that in 6 hours of UHF or VHF receive without a single
> > transmit, the unit gets warm.
> >
> > --- wb0hhm <wb0hhm@y...> wrote:
> > > Is most of the current FT-100D's comming with
> > > the mods done or is there still some out there

> > > that don't have it done? anyone know?
> > >
> > > Ray WB0HHM
> > >
> > >
> >
> >
> > _____
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> > Height: 4567 ft 01234567891011 in
> > Weight:
> > Sex: F M
> >
> >
> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]

# 14178. low rx audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 16:39:06 UTC
From: lj38spcl
Topic: 14178  Message: 14178

Has anybody experienced a decline in audio output in the ft100d?
I have to turn the volume all the way up and I also use an amplified
speaker and it is still not loud enough.Any replies would be
appreciated.

73,
Larry K4EB

# 14179. Re: [FT100] Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-14 21:23:54 UTC
From: Bill Reid- VE3VWD
Topic: 14146  Message: 14179

I bought my FT-100D in October 2001. It is serial numbered 1F.... and it
has the screw in the centre rib and a small jumper soldered from the rib to
a nearby RF connector. So it appears to have the SWR mod but the fan mod is
not done.

Bill VE3VWD

At 14/05/2002 11:41 AM Tuesday, you wrote:
>I saw a couple posts that suggested that units manufactured after
>about June 2001 have the proper screwed in ground strap which
>addresses the spurious oscillation issue. You can tell if you have
>that mod by checking under the top cover to see if the strap is
>screwed into the horizontal chassis rib. Some people have attempted
>the mod themselves but I don't recommend it since you will void the
>warranty. The date codes are misleading so it seems that the only
>way to know if you have the spurious mod is to open the top.
>
>The second mod which permits the fans to turn on automatically during
>long receive only periods on VHF/UHF operation requires a return to
>the service center if you want the "factory" fix which is the
>addition of a temperature sensitive switch to the PA device. An
>alternative that a lot of people seem happy with is to add a resistor
>to the fan circuit that keeps it spinning during receive. I
>experimented with values and found that a reasonable trade-off for
>noise was around 180 Ohms. But I would recommend sending the rig in
>for the "factory" fan mod. I did the "factory" mod.
>
>
>As far as the percentage of FT-100Ds that have needed the spurious mod
>check out the Polls section of this website.
>
>N6AF Chas
>
> > Is most of the current FT-100D's comming with
> > the mods done or is there still some out there
> > that don't have it done? anyone know?
> >
> > Ray WB0HHM
>
>
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14/R=1/*http://www.ediets.com/start.cfm?code=3225>148037fc.jpg
>

><http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1705063108:HM/A=1046314/R=2/*http://www.ediets.com/start.cfm?code=3225>14803806.jpg
>
>Height: 4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in
>Weight:
>Sex: F M
>14803810.jpg
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on
>WWW:
><http://www.k0lee.com/ft100faq.html>http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
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><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14180. Re: [FT100] Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 10:04:46 UTC
From: alpha
Topic: 14146  Message: 14180

i searched every radio shack store here in decatur texas and was unable to find 51 ohm 1/2 watt resisters. i used 2 100 ohm in parallel = 50 ohms .... does anyone see a problem with that. fan runs slow, slower than xmt and rig stays cooler ..... texas heat is almost here ...need all the help it can get.

pete n6bxz

_____
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# 14181. Re: [FT100] Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 21:58:13 UTC
From: Jim Lasswell
Topic: 14146  Message: 14181

Hi Pete. I was unable to find a 51 ohm resister as well, so I used a 47 ohm and the rig works like a champ..... Cen. Calif weather is hot as well. hi hi. 73 AD6DW Jim
----- Original Message -----
From: alpha
To: FT100@yahoogroups.com
Sent: Wednesday, May 15, 2002 3:04 AM
Subject: Re: [FT100] Fan Mod on FT-100D

i searched every radio shack store here in decatur
texas and was unable to find 51 ohm 1/2 watt
resisters. i used 2 100 ohm in parallel = 50 ohms
.... does anyone see a problem with that. fan runs
slow, slower than xmt and rig stays cooler ..... texas
heat is almost here ...need all the help it can get.

pete n6bxz


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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14182. Controlled experiments versus chaos

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 22:02:04 UTC
From: backhoefade
Topic: 14182  Message: 14182

I don't know about the rest of you but despite the hassles of learning about and correcting the design bugs in the FT-100D and the rather haphazard learning process for getting peak performance out of it for lack of complete information in the User's Manual, my overall FT-100D experience has been a good one. I'm comparing that process with some of the relatively chaotic experiences of product development in the engineering world; and some of my very distressing dealings with contractors and subcontractors on various projects such as home remodeling and additions. Good God - what a nightmare!!! So taken within the larger context of a cloud of half-out-of-control projects and processes, the FT-100D experience has had a constant thread of reason and direction, and not too many grand surprises. So after the ground strap is installed, and the mic is modified, and the fan temperature sensor is installed, and the realization of the "must have" of the 6 kHz filter for AM operation, and the learning about proper set up for good, clean AM operation and the etc, etc, etc, I can come home from work, sit down in front of the rig, switch it on and work the world with great audio reports on both SSB and AM. Heaven forbid the finals die on me in the next 2 or 3 years (doubtful though since the spurious oscillation has been addressed). Until that happens it will have been as dependable as heck and always a blast to operate.

N6AF Chas

# 14183. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 22:08:45 UTC
From: backhoefade
Topic: 14146  Message: 14183

You have the "SWR" mod. But sounds like Yaesu is still selling them without the fan mod that allows the fans to automatically turn on during long receive only periods on VHF/UHF operation. You have three choices:
1) Do nothing - in which case it will heat up during long VHF/UHF receive only periods which is not a good idea - some people report loss of receive sensitivity.
2) Send to Yaesu so they can install the temperature switch.
3) Install the resistor mod. You might try this first. Remember that it probably voids the warranty. If you follow the implementation that someone suggested here recently you don't even solder it in so you could remove it if you have to send it in during the warranty period without voiding your warranty. I had experimented and found a 180 Ohm value was good since the fans weren't too loud then. But I still had Yaesu do the mod.
N6AF Chas

--- In FT100@y..., Bill Reid- VE3VWD <ve3vwd@r...> wrote:
> I bought my FT-100D in October 2001. It is serial numbered 1F.... and it
> has the screw in the centre rib and a small jumper soldered from the rib to
> a nearby RF connector. So it appears to have the SWR mod but the fan mod is
> not done.
>
> Bill VE3VWD
>
>
>
>
> At 14/05/2002 11:41 AM Tuesday, you wrote:
> >I saw a couple posts that suggested that units manufactured after
> >about June 2001 have the proper screwed in ground strap which
> >addresses the spurious oscillation issue. You can tell if you have
> >that mod by checking under the top cover to see if the strap is
> >screwed into the horizontal chassis rib. Some people have attempted
> >the mod themselves but I don't recommend it since you will void the
> >warranty. The date codes are misleading so it seems that the only
> >way to know if you have the spurious mod is to open the top.
> >
> >The second mod which permits the fans to turn on automatically during
> >long receive only periods on VHF/UHF operation requires a return to

> >the service center if you want the "factory" fix which is the
> >addition of a temperature sensitive switch to the PA device. An
> >alternative that a lot of people seem happy with is to add a
resistor
> >to the fan circuit that keeps it spinning during receive. I
> >experimented with values and found that a reasonable trade-off for
> >noise was around 180 Ohms. But I would recommend sending the rig
in
> >for the "factory" fan mod. I did the "factory" mod.
> >
> >
> >As far as the percentage of FT-100Ds that have needed the spurious
mod
> >check out the Polls section of this website.
> >
> >N6AF Chas
> >
> > > Is most of the current FT-100D's comming with
> > > the mods done or is there still some out there
> > > that don't have it done? anyone know?
> > >
> > > Ray WB0HHM
> >
> >
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><http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1
705063108:HM/A=1046314/R=1/*http://www.ediets.com/start.cfm?
code=3225>148037fc.jpg
> >
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><http://rd.yahoo.com/M=194081.2053425.3521449.1829184/D=egroupweb/S=1
705063108:HM/A=1046314/R=2/*http://www.ediets.com/start.cfm?
code=3225>14803806.jpg
> >
> >Height: 4 5 6 7 ft 0 1 2 3 4 5 6 7 8 9 10 11 in
> >Weight:
> >Sex: F M
> >14803810.jpg
> >
> >Post message: FT100@y...
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> >List owner: FT100-owner@y...
> >FAQ on
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>
><http://www.k0lee.com/ft100faq.html>http://www.k0lee.com/ft100faq.htm
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> ><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]

# 14184. Just Exchanged for New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 22:40:29 UTC
From: radiotube321
Topic: 14184  Message: 14184

Just exchanged my FT-100D that had been in the store for 1.5 months for one that was delivered today to HRO. It was made in 2001, just like the previous guy in month L, which is October I believe. However, it is several production runs in advance of the previous....

Anyway, I noticed a slight difference:
The fans don't run always in HF receiving mode as they did on the old one. Previously, the fans ran continuously on HF but not on VHF or UHF. Apparently, the fans ONLY kick on if transmitting, or if the thermal sensor trips.

# 14185. Re: [FT100] low rx audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-15 23:00:47 UTC
From: Dick Thompson
Topic: 14178  Message: 14185

My solution was hearing aids. Nah, only pulling your leg. That was too easy. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: lj38spcl
To: FT100@yahoogroups.com
Sent: Tuesday, May 14, 2002 10:39 AM
Subject: [FT100] low rx audio

Has anybody experienced a decline in audio output in the ft100d?
I have to turn the volume all the way up and I also use an amplified
speaker and it is still not loud enough.Any replies would be
appreciated.

73,
Larry K4EB

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[Non-text portions of this message have been removed]

# 14186. Re: Just Exchanged for New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 00:11:02 UTC
From: backhoefade
Topic: 14184  Message: 14186

I have never heard of an FT-100D whose fans run continuously on HF. (Except maybe for one in the old '57 Chevy at Devil's Golf Course in Death Valley, California on the 4th of July). The way I've always heard it is, on HF the fans will run when transmitting and for a few seconds after transmitting has stopped; and in receive mode when a certain temperature is sensed.

On VHF/UHF the fans only run when transmitting. In receive they will sit their quietly while the heatsink, the chassis, the whole darned rig slowly does a China Syndrome gig.

After the thermal switch is added (the "fan mod") then the fans will act the same during VHF/UHF receive as they do in HF receive.

N6AF Chas

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> Just exchanged my FT-100D that had been in the store for 1.5 months
> for one that was delivered today to HRO. It was made in 2001, just
> like the previous guy in month L, which is October I believe.
However,
> it is several production runs in advance of the previous....
>
> Anyway, I noticed a slight difference:
> The fans don't run always in HF receiving mode as they did on the
old
> one. Previously, the fans ran continuously on HF but not on VHF or
> UHF. Apparently, the fans ONLY kick on if transmitting, or if the
> thermal sensor trips.

# 14187. Re: [FT100] Re: Just Exchanged for New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 01:35:47 UTC
From: Dick Thompson
Topic: 14184  Message: 14187

Well, Chas, I hate to tell you this, but the fans on my FT-100D run continually on HF and they always have. When keyed they increase speed, hang in for a few seconds after the keying is released and then the fans go back to the slower speed. But they continue to run. Since adding the 51 ohm resistor, the fans run just like they have always done on HF, while in V/U mode for receive. Like the HF side they increase speed when keyed and decrease after a few seconds when PTT is released.

73,

Dick
WB0DUL@...

----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, May 15, 2002 6:11 PM
Subject: [FT100] Re: Just Exchanged for New FT-100D

I have never heard of an FT-100D whose fans run continuously on HF. (Except maybe for one in the old '57 Chevy at Devil's Golf Course in Death Valley, California on the 4th of July). The way I've always heard it is, on HF the fans will run when transmitting and for a few seconds after transmitting has stopped; and in receive mode when a certain temperature is sensed.

On VHF/UHF the fans only run when transmitting. In receive they will sit their quietly while the heatsink, the chassis, the whole darned rig slowly does a China Syndrome gig.

After the thermal switch is added (the "fan mod") then the fans will act the same during VHF/UHF receive as they do in HF receive.

N6AF Chas

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> Just exchanged my FT-100D that had been in the store for 1.5 months
> for one that was delivered today to HRO. It was made in 2001, just
> like the previous guy in month L, which is October I believe.
However,
> it is several production runs in advance of the previous....
>
> Anyway, I noticed a slight difference:
> The fans don't run always in HF receiving mode as they did on the
old
> one. Previously, the fans ran continuously on HF but not on VHF or
> UHF. Apparently, the fans ONLY kick on if transmitting, or if the
> thermal sensor trips.

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[Non-text portions of this message have been removed]

# 14188. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 02:23:36 UTC
From: w6zip
Topic: 14146  Message: 14188

Chas,
I really don't consider a high temp threshhold or "shutdown temp" other than what is recommended in the manual (120 deg F??), just when the case is measuring very high temps (abt 110-120degF) I shut her down. Normally you should never have to operate this high a temp, but once I had my antenna go south on me and did not realize this until the temp had gone very high after a particulalary long duty cycle. I wasn't really watching the SWR, but I did catch it on the thermom display. The sensor is just taped to the top cover of the main unit. Came with about 6-8 ft. of remote wire for mounting, very handy for the price and looks nice on the dash. That's it, that's all. Back in my hole>
John W6ZIP
Victorvuille, Ca.

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> So what is your "shut down" temperature, where is the sensor attached
> and how did you arrive at the specific "shut down" temperature?
> N6AF Chas
>

# 14189. AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 02:51:52 UTC
From: bob/AB9EE
Topic: 14189  Message: 14189

Is it possible my ft100 came with the 6khz am filter? when i push the 6khz button it gets bold and i am able to both transmit and recieve AM on 11 meters?

# 14190. Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 09:43:22 UTC
From: kraftwerk1976
Topic: 14189  Message: 14190

--- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> Is it possible my ft100 came with the 6khz am filter? when i push the 6khz
> button it gets bold and i am able to both transmit and recieve AM on 11
> meters?

No, probably not. Mine did the exact same thing when I got it a few years ago. As far as I know, Yaesu is still not including the AM filters with the radio. It's a shame you need to buy a filter to use a mode that is built into the radio :-( You should buy the AM filter, as you will notice a huge difference in RX/TX! Though, without the filter, you WILL be able to receive and transmit, there is a night and day difference between having it and not having it. The cheapest I have seen it was $79 at Texas Towers.

--Adam

# 14191. Re: [FT100] Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 10:31:52 UTC
From: alpha
Topic: 14146  Message: 14191

hi jim,

well i was just concerned if using 2 100 ohm resisters
in parallel would present a current problem, but as i
recall from memory ( duh ) i think the current divides
entering the resistors then returns to same as entered
upon exit ..... i have read a resistor anywhere from
50 to 180 ohms to work..... but no one ever caculated
the rpm ......... oh heck, here we go, a new topic
.......rpm

73, pete n6bxz ft worth

--- Jim Lasswell <ad6dw@...> wrote:
> Hi Pete. I was unable to find a 51 ohm resister as
> well, so I used a 47 ohm and the rig works like a
> champ..... Cen. Calif weather is hot as well. hi hi.
> 73 AD6DW Jim
> ----- Original Message -----
> From: alpha
> To: FT100@yahoogroups.com
> Sent: Wednesday, May 15, 2002 3:04 AM
> Subject: Re: [FT100] Fan Mod on FT-100D
>
>
> i searched every radio shack store here in decatur
> texas and was unable to find 51 ohm 1/2 watt
> resisters. i used 2 100 ohm in parallel = 50 ohms
> .... does anyone see a problem with that. fan
> runs
> slow, slower than xmt and rig stays cooler .....
> texas
> heat is almost here ...need all the help it can
> get.
>
> pete n6bxz
>
>
> _____
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> We are all a part of this Lets make it as good as
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>
> [Non-text portions of this message have been
> removed]
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# 14192. RE: [FT100] Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 11:03:55 UTC
From: Gary Mitchelson
Topic: 14189  Message: 14192

The other question is how the FT-100 transmits on 11M out of the box!!!
For CB use I would say no need for the AM filter. For HF or 6M AM you do
need the filter.

-----Original Message-----
From: kraftwerk1976 [mailto:ahannah@...]
Sent: Thursday, May 16, 2002 05:43
To: FT100@yahoogroups.com
Subject: [FT100] Re: AM Filter???

--- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> Is it possible my ft100 came with the 6khz am filter? when i push
the 6khz
> button it gets bold and i am able to both transmit and recieve AM
on 11
> meters?

No, probably not. Mine did the exact same thing when I got it a
few years ago. As far as I know, Yaesu is still not including the AM
filters with the radio. It's a shame you need to buy a filter to use
a mode that is built into the radio :-( You should buy the AM
filter, as you will notice a huge difference in RX/TX! Though,
without the filter, you WILL be able to receive and transmit, there
is a night and day difference between having it and not having it.
The cheapest I have seen it was $79 at Texas Towers.

# 14193. Re: [FT100] Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 13:40:13 UTC
From: David Kiwerski, Orange County Sheriff, C
Topic: 14189  Message: 14193

AM filter necessary for any AM transmit!

DaveK WP2AAT

Gary Mitchelson wrote:

> The other question is how the FT-100 transmits on 11M out of the box!!!
> For CB use I would say no need for the AM filter. For HF or 6M AM you do
> need the filter.
>
> -----Original Message-----
> From: kraftwerk1976 [mailto:ahannah@...]
> Sent: Thursday, May 16, 2002 05:43
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: AM Filter???
>
> --- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> > Is it possible my ft100 came with the 6khz am filter? when i push
> the 6khz
> > button it gets bold and i am able to both transmit and recieve AM
> on 11
> > meters?
>
> No, probably not. Mine did the exact same thing when I got it a
> few years ago. As far as I know, Yaesu is still not including the AM
> filters with the radio. It's a shame you need to buy a filter to use
> a mode that is built into the radio :-( You should buy the AM
> filter, as you will notice a huge difference in RX/TX! Though,
> without the filter, you WILL be able to receive and transmit, there
> is a night and day difference between having it and not having it.
> The cheapest I have seen it was $79 at Texas Towers.
>
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# 14194. Has the SWR mod been done?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 06:13:11 UTC
From: Robin Alexander
Topic: 14194  Message: 14194

Hi,

After reading this group for a while and since my Radio is nearing the warranty date, I took a look to see if the SWR mod had been done. I can see some copper tape bonded to the ribbing of the case, but I'm still unsure if that's the mod. (I know the Fan Mod hasn't been done).

So I have taken some pictures and put them on my website. I'd appreciate it if those in the know would take a look and see if that's the mod, mine has a Sept 2000 build date :

The link is http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100

Feel free to e-mail me direct so reduce traffic on the list.

Regards and thanks

Robin
W7YED

# 14195. Re: [FT100] Has the SWR mod been done?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 15:21:05 UTC
From: Jim Lasswell
Topic: 14194  Message: 14195

Hi Robin... After looking at the photos of your rig, I would say that you have some mods to do, but don't worry as they are a lot of fun to do, and will make your ft100 last far longer. I couldn't tell if the fan mod had been done, but these mods are a piece of cake to do.As my wife USED to tell me... just go easy young man. hi hi. Good luck . 73 AD6DW Jim
----- Original Message -----
From: Robin Alexander
To: FT100
Sent: Wednesday, May 15, 2002 11:13 PM
Subject: [FT100] Has the SWR mod been done?

Hi,

After reading this group for a while and since my Radio is nearing the warranty date, I took a look to see if the SWR mod had been done. I can see some copper tape bonded to the ribbing of the case, but I'm still unsure if that's the mod. (I know the Fan Mod hasn't been done).

So I have taken some pictures and put them on my website. I'd appreciate it if those in the know would take a look and see if that's the mod, mine has a Sept 2000 build date :

The link is http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100

Feel free to e-mail me direct so reduce traffic on the list.

Regards and thanks

Robin
W7YED

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[Non-text portions of this message have been removed]

# 14196. Re: [FT100] Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 15:33:34 UTC
From: Louise&JanPieper
Topic: 14146  Message: 14196

Regarding the Q of Pete N6BXZ:

Never thought of it , but it might even be better, 2 * 100 !! When the 50R goes to the eternal
huntingfields it's over with the fanmod; with 2 * 100, and when blowing, there
still is one to go. Slightly slower running, but still ...

73, Jan PE1PMO.

# 14197. Re: [FT100] Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 16:19:14 UTC
From: Jim Lasswell
Topic: 14189  Message: 14197

Gary... In order to get the FT 100 to transmit on 11 M, you have to open it up to work out of band. You can receive, but you will not be able to transmit. Jim AD6DW
----- Original Message -----
From: David Kiwerski, Orange County Sheriff, Communications Div.
To: FT100@yahoogroups.com
Sent: Thursday, May 16, 2002 6:40 AM
Subject: Re: [FT100] Re: AM Filter???

AM filter necessary for any AM transmit!

DaveK WP2AAT

Gary Mitchelson wrote:

> The other question is how the FT-100 transmits on 11M out of the box!!!
> For CB use I would say no need for the AM filter. For HF or 6M AM you do
> need the filter.
>
> -----Original Message-----
> From: kraftwerk1976 [mailto:ahannah@...]
> Sent: Thursday, May 16, 2002 05:43
> To: FT100@yahoogroups.com
> Subject: [FT100] Re: AM Filter???
>
> --- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
> > Is it possible my ft100 came with the 6khz am filter? when i push
> the 6khz
> > button it gets bold and i am able to both transmit and recieve AM
> on 11
> > meters?
>
> No, probably not. Mine did the exact same thing when I got it a
> few years ago. As far as I know, Yaesu is still not including the AM
> filters with the radio. It's a shame you need to buy a filter to use
> a mode that is built into the radio :-( You should buy the AM
> filter, as you will notice a huge difference in RX/TX! Though,
> without the filter, you WILL be able to receive and transmit, there
> is a night and day difference between having it and not having it.
> The cheapest I have seen it was $79 at Texas Towers.
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14198. RE: [FT100] Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 16:30:15 UTC
From: Gary Mitchelson
Topic: 14189  Message: 14198

Yes I understand that. My question was if the FT-100 was new as indicated in the original post how was it able to TX out of band without the mod? Simply removing a cover would prove if a filter was in place.

My comment about not needing to install a filter for CB AM transmit was a sarcastic comment, the filterless AM transmit is crap and that would be right at home for this use. Yes you can TX without the AM filter.

Gary
N3JPU AFA1PU

-----Original Message-----
From: Jim Lasswell [mailto:ad6dw@...]
Sent: Thursday, May 16, 2002 12:19
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: AM Filter???

Gary... In order to get the FT 100 to transmit on 11 M, you have to open it up to work out of band. You can receive, but you will not be able to transmit. Jim AD6DW
----- Original Message -----
From: David Kiwerski, Orange County Sheriff, Communications Div.
To: FT100@yahoogroups.com
Sent: Thursday, May 16, 2002 6:40 AM
Subject: Re: [FT100] Re: AM Filter???

AM filter necessary for any AM transmit!

DaveK WP2AAT

# 14199. Re: Has the SWR mod been done?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 16:43:32 UTC
From: w1pa
Topic: 14194  Message: 14199

--- In FT100@y..., "Robin Alexander" <robin@t...> wrote:
> Hi,
>
> After reading this group for a while and since my Radio is nearing
the
> warranty date, I took a look to see if the SWR mod had been done. I
can see
> some copper tape bonded to the ribbing of the case, but I'm still
unsure if
> that's the mod. (I know the Fan Mod hasn't been done).
>
> So I have taken some pictures and put them on my website. I'd
appreciate it
> if those in the know would take a look and see if that's the mod,
mine has a
> Sept 2000 build date :
>
> The link is
http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100
>
> Feel free to e-mail me direct so reduce traffic on the list.
>
> Regards and thanks
>
> Robin
> W7YED

Doesn't look like it. Is there a screw holding that copper plate/tape
to the case in the middle? I don't see one. Compare against these:

http://www.k0lee.com/modpics.htm

Bill W1PA

# 14200. Re: Just Exchanged for New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 17:45:14 UTC
From: backhoefade
Topic: 14184  Message: 14200

Well - all I can say is your rig will probably outlast the rest of
ours!
73 N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Well, Chas, I hate to tell you this, but the fans on my FT-100D run
continually on HF and they always have. When keyed they increase
speed, hang in for a few seconds after the keying is released and
then the fans go back to the slower speed. But they continue to
run. Since adding the 51 ohm resistor, the fans run just like they
have always done on HF, while in V/U mode for receive. Like the HF
side they increase speed when keyed and decrease after a few seconds
when PTT is released.
>
> 73,
>
> Dick
> WB0DUL@a...
>
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Wednesday, May 15, 2002 6:11 PM
> Subject: [FT100] Re: Just Exchanged for New FT-100D
>
>
> I have never heard of an FT-100D whose fans run continuously on
HF.
> (Except maybe for one in the old '57 Chevy at Devil's Golf Course
in
> Death Valley, California on the 4th of July). The way I've
always
> heard it is, on HF the fans will run when transmitting and for a
few
> seconds after transmitting has stopped; and in receive mode when
a
> certain temperature is sensed.
>
> On VHF/UHF the fans only run when transmitting. In receive they
will
> sit their quietly while the heatsink, the chassis, the whole
darned
> rig slowly does a China Syndrome gig.
>
> After the thermal switch is added (the "fan mod") then the fans

will
> act the same during VHF/UHF receive as they do in HF receive.
>
> N6AF Chas
>
>
> --- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> > Just exchanged my FT-100D that had been in the store for 1.5
months
> > for one that was delivered today to HRO. It was made in 2001,
just
> > like the previous guy in month L, which is October I believe.
> However,
> > it is several production runs in advance of the previous....
> >
> > Anyway, I noticed a slight difference:
> > The fans don't run always in HF receiving mode as they did on
the
> old
> > one. Previously, the fans ran continuously on HF but not on VHF
or
> > UHF. Apparently, the fans ONLY kick on if transmitting, or if
the
> > thermal sensor trips.
>
>
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>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 14201. Re: Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 17:52:09 UTC
From: backhoefade
Topic: 14146  Message: 14201

The problem with using two 100 Ohms resistors in parallel instead of a single 50 Ohm resistor is that some of the electrons may hesitate briefly at the current division point. This "back-up" results in a slight increase in the effective resistance. Something to do with probability theory I guess. The more carefree ones just shoot right through, while the more "conserned ones" stall at the dividing point and try to make a logical decision. It's ridiculous. I say just go with the flow.

--- In FT100@y..., alpha <alpha76234@y...> wrote:
> hi jim,
>
> well i was just concerned if using 2 100 ohm resisters
> in parallel would present a current problem, but as i
> recall from memory ( duh ) i think the current divides
> entering the resistors then returns to same as entered
> upon exit ..... i have read a resistor anywhere from
> 50 to 180 ohms to work..... but no one ever caculated
> the rpm ......... oh heck, here we go, a new topic
> .......rpm
>
> 73, pete n6bxz ft worth
>
>
>
>
> --- Jim Lasswell <ad6dw@p...> wrote:
> > Hi Pete. I was unable to find a 51 ohm resister as
> > well, so I used a 47 ohm and the rig works like a
> > champ..... Cen. Calif weather is hot as well. hi hi.
> > 73 AD6DW Jim
> > ----- Original Message -----
> > From: alpha
> > To: FT100@y...
> > Sent: Wednesday, May 15, 2002 3:04 AM
> > Subject: Re: [FT100] Fan Mod on FT-100D
> >
> >
> > i searched every radio shack store here in decatur
> > texas and was unable to find 51 ohm 1/2 watt
> > resisters. i used 2 100 ohm in parallel = 50 ohms
> > .... does anyone see a problem with that. fan
> > runs
> > slow, slower than xmt and rig stays cooler .....
> > texas

> > heat is almost here ...need all the help it can
> > get.
> >
> > pete n6bxz
> >
> >
> > _____
> > Do You Yahoo!?
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> > http://launch.yahoo.com
> >
> >
> > Yahoo! Groups Sponsor
> > ADVERTISEMENT
> >
> > Height: 4567 ft 01234567891011
> > in
> > Weight:
> > Sex: F M
> >
> >
> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe:
> > FT100-subscribe@y...
> > Unsubscribe:
> > FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> >
> > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> > possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo!
> > Terms of Service.
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> _____

> Do You Yahoo!?
> LAUNCH - Your Yahoo! Music Experience
> http://launch.yahoo.com

# 14202. Re: Has the SWR mod been done?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 17:54:46 UTC
From: backhoefade
Topic: 14194  Message: 14202

That copper tape garbage is a method Yaesu tried for a while but as it turns out given time and heat the conductivity of the tape will drop and the spurious oscillation (SWR gremlin) will rise up and bite you. So you need to have the screwed in ground strap mod to make it permanent.
N6AF Chas

--- In FT100@y..., "Robin Alexander" <robin@t...> wrote:
> Hi,
>
> After reading this group for a while and since my Radio is nearing the
> warranty date, I took a look to see if the SWR mod had been done. I can see
> some copper tape bonded to the ribbing of the case, but I'm still unsure if
> that's the mod. (I know the Fan Mod hasn't been done).
>
> So I have taken some pictures and put them on my website. I'd appreciate it
> if those in the know would take a look and see if that's the mod, mine has a
> Sept 2000 build date :
>
> The link is
http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100
>
> Feel free to e-mail me direct so reduce traffic on the list.
>
> Regards and thanks
>
> Robin
> W7YED

# 14203. Re: [FT100] Re: Just Exchanged for New FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 20:14:45 UTC
From: Dick Thompson
Topic: 14184  Message: 14203

I hope so. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, May 16, 2002 11:45 AM
Subject: [FT100] Re: Just Exchanged for New FT-100D

Well - all I can say is your rig will probably outlast the rest of
ours!
73 N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Well, Chas, I hate to tell you this, but the fans on my FT-100D run
continually on HF and they always have. When keyed they increase
speed, hang in for a few seconds after the keying is released and
then the fans go back to the slower speed. But they continue to
run. Since adding the 51 ohm resistor, the fans run just like they
have always done on HF, while in V/U mode for receive. Like the HF
side they increase speed when keyed and decrease after a few seconds
when PTT is released.
>
> 73,
>
> Dick
> WB0DUL@a...
>
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Wednesday, May 15, 2002 6:11 PM
> Subject: [FT100] Re: Just Exchanged for New FT-100D
>
>
> I have never heard of an FT-100D whose fans run continuously on
HF.
> (Except maybe for one in the old '57 Chevy at Devil's Golf Course
in
> Death Valley, California on the 4th of July). The way I've
always
> heard it is, on HF the fans will run when transmitting and for a
few

> seconds after transmitting has stopped; and in receive mode when
a
> certain temperature is sensed.
>
> On VHF/UHF the fans only run when transmitting. In receive they
will
> sit their quietly while the heatsink, the chassis, the whole
darned
> rig slowly does a China Syndrome gig.
>
> After the thermal switch is added (the "fan mod") then the fans
will
> act the same during VHF/UHF receive as they do in HF receive.
>
> N6AF Chas
>
>
> --- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> > Just exchanged my FT-100D that had been in the store for 1.5
months
> > for one that was delivered today to HRO. It was made in 2001,
just
> > like the previous guy in month L, which is October I believe.
> However,
> > it is several production runs in advance of the previous....
> >
> > Anyway, I noticed a slight difference:
> > The fans don't run always in HF receiving mode as they did on
the
> old
> > one. Previously, the fans ran continuously on HF but not on VHF
or
> > UHF. Apparently, the fans ONLY kick on if transmitting, or if
the
> > thermal sensor trips.
>
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>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.

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>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14204. Re: [FT100] Re: Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 20:33:31 UTC
From: Dick Thompson
Topic: 14146  Message: 14204

Couldn't you just be sure that the directionof electron flow assures that it will be downhill. That speeds up the hesitation a little.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Thursday, May 16, 2002 11:52 AM
Subject: [FT100] Re: Fan Mod on FT-100D

The problem with using two 100 Ohms resistors in parallel instead of a single 50 Ohm resistor is that some of the electrons may hesitate briefly at the current division point. This "back-up" results in a slight increase in the effective resistance. Something to do with probability theory I guess. The more carefree ones just shoot right through, while the more "conserned ones" stall at the dividing point and try to make a logical decision. It's ridiculous. I say just go with the flow.

--- In FT100@y..., alpha <alpha76234@y...> wrote:
> hi jim,
>
> well i was just concerned if using 2 100 ohm resisters
> in parallel would present a current problem, but as i
> recall from memory ( duh ) i think the current divides
> entering the resistors then returns to same as entered
> upon exit ..... i have read a resistor anywhere from
> 50 to 180 ohms to work..... but no one ever caculated
> the rpm ......... oh heck, here we go, a new topic
> .......rpm
>
> 73, pete n6bxz ft worth
>
>
>
>
> --- Jim Lasswell <ad6dw@p...> wrote:
> > Hi Pete. I was unable to find a 51 ohm resister as
> > well, so I used a 47 ohm and the rig works like a
> > champ..... Cen. Calif weather is hot as well. hi hi.
> > 73 AD6DW Jim
> > ----- Original Message -----
> > From: alpha

> > To: FT100@y...
> > Sent: Wednesday, May 15, 2002 3:04 AM
> > Subject: Re: [FT100] Fan Mod on FT-100D
> >
> >
> > i searched every radio shack store here in decatur
> > texas and was unable to find 51 ohm 1/2 watt
> > resisters. i used 2 100 ohm in parallel = 50 ohms
> > .... does anyone see a problem with that. fan
> > runs
> > slow, slower than xmt and rig stays cooler .....
> > texas
> > heat is almost here ...need all the help it can
> > get.
> >
> > pete n6bxz
> >
> >
> > _____
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> >
> > Height: 4567 ft 01234567891011
> > in
> > Weight:
> > Sex: F M
> >
> >
> >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe:
> > FT100-subscribe@y...
> > Unsubscribe:
> > FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> >
> > FAQ on WWW:
> > http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> > possible.
> >

> > Your use of Yahoo! Groups is subject to the Yahoo!
> > Terms of Service.
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> _____
> Do You Yahoo!?
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> http://launch.yahoo.com

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14205. Re: [FT100] Re: Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 22:23:58 UTC
From: A V Flinsch
Topic: 14146  Message: 14205

On Thursday 16 May 2002 04:33 pm, you wrote:
> Couldn't you just be sure that the directionof electron flow assures
> that it will be downhill. That speeds up the hesitation a little.
>

Yep, to do that all you need to do is flip the little feet on the bottom
of the rig forward.

--
Alex / KC2IVL
"Good judgment comes from experience,
and a lot of that comes from bad judgment"
6:20pm up 7 min, 1 user, load average: 0.13, 0.29, 0.17

# 14206. Extended Transmit Mod??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 23:16:50 UTC
From: w6zip
Topic: 14206  Message: 14206

I completed the extended transmit mod as outlined on this page as well as QRZ.com and then proceeded to follow the instructions on powering up the rig while holding the down and step keys.....nothing out ogf the ordinary happened. I repeated the steps several time and still no indications like those outlined in the very simple instructions. Anyone with any clues???
Thanks,
John W6ZIP

# 14207. Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 02:12:31 UTC
From: Jay Craswell
Topic: 14207  Message: 14207

I don't know how many are following these questions about modifications for 11 Meters. It's been a looooong time since Amateurs had an allocation on 11 so I assume this is for illegal "freeband/pirate" use. I'm of the opinion that we should strongly discourage any conversations about this sort of thing. The Feds are interested in how licensed Ham behave themselves and they are smart enough to read the Internet. When a Ham assists others to do wrong they give all hams a black eye. So in short Stop Screwing around with these guys. These are the same folks we hear creeping up into the 10 and 12 meter bands and we should not lend them ANY support in anyway whatsoever.

Jay W0VNE

# 14208. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 04:08:24 UTC
From: Tim
Topic: 14146  Message: 14208

Bill Reid- VE3VWD wrote:

> I bought my FT-100D in October 2001. It is serial numbered 1F....
> and it
> has the screw in the centre rib and a small jumper soldered from the
> rib to
> a nearby RF connector. So it appears to have the SWR mod but the fan
> mod is
> not done.
>
> Bill VE3VWD

Ditto!

I have one purchased this year, in march. It has
a 1H....

There is a screw, and a copper jumper, in addition
there are patches of copper attached to the top cover
in several places, including the two raised "fingers"
that hold the front of the top cover to the front of the
frame.

I do have a question though, does anybody have a
picture of the factory fan mod (temp switch on
the PA)?

Tim

[Non-text portions of this message have been removed]

# 14209. FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 22:28:06 UTC
From: box542
Topic: 14209  Message: 14209

Greetings!

Just received my FT-100 today from Yaesu.

Radio was sent in for the FAN & HI SWR mod. It was received on 2/26/02, sat until 4/26/02, and was completed on 4/30/02! Yaesu called me on May 3 to inform me the radio was completed and awaiting payment info. I called them on Monday, May 6, and they said it would ship on May 8.

My question... What the heck is the rotary encoder? On the Work Order, there's a comment by the Tech, that the ROTARY ENCODER on the display unit was replaced. Charge was $6.01 for the part. The mod(s) and a complete checkup was $76.01

I'll pull the bottom cover off later to see what was done!!

73

Bruce

# 14210. Re: [FT100] Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 03:40:30 UTC
From: Scott Kamm
Topic: 14207  Message: 14210

These guys ask for help in a mod,probably for M.A.R.S ever thought of that.Besides hams have been modifying things for years.So if you have to questions one move all the time,you should stop and think about the other possibilites in mine.

Jay Craswell wrote:

> I don't know how many are following these questions about modifications for
> 11 Meters. It's been a looooong time since Amateurs had an allocation on
> 11 so I assume this is for illegal "freeband/pirate" use. I'm of the
> opinion that we should strongly discourage any conversations about this
> sort of thing. The Feds are interested in how licensed Ham behave
> themselves and they are smart enough to read the Internet. When a Ham
> assists others to do wrong they give all hams a black eye. So in short
> Stop Screwing around with these guys. These are the same folks we hear
> creeping up into the 10 and 12 meter bands and we should not lend them ANY
> support in anyway whatsoever.
>
> Jay W0VNE
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14211. Re: Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-16 22:40:04 UTC
From: box542
Topic: 14146  Message: 14211

--- In FT100@y..., A V Flinsch <avflinsch@a...> wrote:
> On Thursday 16 May 2002 04:33 pm, you wrote:
> > Couldn't you just be sure that the directionof electron flow assures
> > that it will be downhill. That speeds up the hesitation a little.
> >
>
> Yep, to do that all you need to do is flip the little feet on the bottom
> of the rig forward.
>
> --
> Alex / KC2IVL
> "Good judgment comes from experience,
> and a lot of that comes from bad judgment"
> 6:20pm up 7 min, 1 user, load average: 0.13, 0.29, 0.17

Don't forget about the molecular composition of the watchamacallit.
If this is out of phase, it might cause an electron to become
homeless! YOU NEVER WANT TO SEE A HOMELESS ELECTRON!

Sorry, couldn't help myself! :-)

73

Bruce

# 14212. Re: [FT100] Extended Transmit Mod??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 00:38:29 UTC
From: Scott Kamm
Topic: 14206  Message: 14212

If you followed the instructions to a T,it does work.Some of the stuff they mentioned goes so fast that you don't see them.

w6zip wrote:

> I completed the extended transmit mod as outlined on this page as
> well as QRZ.com and then proceeded to follow the instructions on
> powering up the rig while holding the down and step keys.....nothing
> out ogf the ordinary happened. I repeated the steps several time and
> still no indications like those outlined in the very simple
> instructions. Anyone with any clues???
> Thanks,
> John W6ZIP
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14213. Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 06:00:56 UTC
From: Tim
Topic: 14213  Message: 14213

Dick Thompson wrote:

> Well, Chas, I hate to tell you this, but the fans on my FT-100D run
> continually on HF and they always have. When keyed they increase
> speed, hang in for a few seconds after the keying is released and then
> the fans go back to the slower speed. But they continue to run.
> Since adding the 51 ohm resistor, the fans run just like they have
> always done on HF, while in V/U mode for receive. Like the HF side
> they increase speed when keyed and decrease after a few seconds when
> PTT is released.
> ----- Original Message -----
> Subject: [FT100] Re: Just Exchanged for New FT-100D
>
> I have never heard of an FT-100D whose fans run continuously on HF.
> ...on HF the fans will run when transmitting and for a few seconds
> after transmitting has stopped; and in receive mode when a certain
> temperature is sensed. On VHF/UHF the fans only run when
> transmitting.
> After the thermal switch is added (the "fan mod") then the fans will
>
> act the same during VHF/UHF receive as they do in HF receive.
> N6AF Chas
>

Have to agree with Chas on this. My fans will run
when the transmitter is keyed on HF, but they will
slow, and shut down shortly after. I can see the
blades easily when they are stopped.

I haven't looked to see if the fans turn on if a certain
temperature is reached.

I have a 1H.... Serial number, and I bought the FT100D
recently. Apparently this is a change with newer models.

> > Just exchanged my FT-100D that had been in the store for 1.5
> months
> > for one that was delivered today to HRO. It was made in 2001, just
>
> > like the previous guy in month L, which is October I believe.
> > However, it is several production runs in advance of the
> previous....
> >
> > Anyway, I noticed a slight difference:
> > The fans don't run always in HF receiving mode as they did on the
> > old one. Previously, the fans ran continuously on HF but not on

> VHF or
> > UHF. Apparently, the fans ONLY kick on if transmitting, or if the
> > thermal sensor trips.

OK here is the point. How can we tell if the thermal
sensor has been installed, and works on HF, AND
VHF or UHF? It is true that my FT100D has fans
that turn off, on all frequencies. The big question is
if that certain temperature is reached, will they turn
on in receive, on all frequencies...

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14214. RE: [FT100] FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 08:27:22 UTC
From: Eric van de Weyer
Topic: 14209  Message: 14214

Hi Bruce,

the rotary encoder is how the main tuning dial interfaces with the radio. It probably consists of a disk with cut-outs which is rotated between a light source and some photocells, probably all IR. The pulses generated as the dial is rotated are fed to the processor which determines speed and direction of rotation.

73....Eric VK2KUR
-----Original Message-----
From: box542 [mailto:box542@...]
Sent: Friday, May 17, 2002 8:28 AM
To: FT100@yahoogroups.com
Subject: [FT100] FT-100 back from Modsville!

Greetings!

Just received my FT-100 today from Yaesu.

Radio was sent in for the FAN & HI SWR mod. It was received on 2/26/02, sat until 4/26/02, and was completed on 4/30/02! Yaesu called me on May 3 to inform me the radio was completed and awaiting payment info. I called them on Monday, May 6, and they said it would ship on May 8.

My question... What the heck is the rotary encoder? On the Work Order, there's a comment by the Tech, that the ROTARY ENCODER on the display unit was replaced. Charge was $6.01 for the part. The mod(s) and a complete checkup was $76.01

I'll pull the bottom cover off later to see what was done!!

73

Bruce

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14215. Re: [FT100] Re: Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 11:04:54 UTC
From: alpha
Topic: 14146  Message: 14215

duh ....

pete n6bxz ft worth
--- box542 <box542@...> wrote:
> --- In FT100@y..., A V Flinsch <avflinsch@a...>
> wrote:
> > On Thursday 16 May 2002 04:33 pm, you wrote:
> > > Couldn't you just be sure that the directionof
> electron flow
> assures
> > > that it will be downhill. That speeds up the
> hesitation a little.
> > >
> >
> > Yep, to do that all you need to do is flip the
> little feet on the
> bottom
> > of the rig forward.
> >
> > --
> > Alex / KC2IVL
> > "Good judgment comes from experience,
> > and a lot of that comes from bad judgment"
> > 6:20pm up 7 min, 1 user, load average: 0.13,
> 0.29, 0.17
>
> Don't forget about the molecular composition of the
> watchamacallit.
> If this is out of phase, it might cause an electron
> to become
> homeless! YOU NEVER WANT TO SEE A HOMELESS
> ELECTRON!
>
> Sorry, couldn't help myself! :-)
>
> 73
>
> Bruce
>
>
>

---------------------------------------------
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# 14216. Re Fans an the FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 14:28:02 UTC
From: ve7baq
Topic: 14216  Message: 14216

I have a FT-100D serial number 9K.... The fans are OFF on HF until I either transmit or the rig is on for a while and reaches a certain temperature. In other words the fans are OFF when I first turn the rig on. After a while they start on slow speed even when just listening, even if I don't touch the PTT switch. Push the PTT switch and they run full speed, and then go back to slow speed after a few seconds. On VHF they only run when I push the PTT switch. I don't use VHF much, but I intend to add the resistor mod to the fans. It seems to make sense. The rig creates heat whether you are just listening on HF or VHF and those fans don't make much noise. The normal noise in the shack covers up the noise they make most of the time. Let's face it. If you want to be really honest about it, on slow speed you have to really listen to hear them and when you are transmitting your voice covers them up anyway. Anyway, it is comforting to know the air is passing through that small confined box we call our rig, there really isn't much space for it to circulate on it's own. Just a thought.
VE7BAQ

# 14217. Confusion with serial number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 15:18:53 UTC
From: Markus.Homma@t-online.de
Topic: 14217  Message: 14217

Hi group,

after a long time without a FT-100 i decided to buy a brand new FT-100D
for portable use with a FC-20 i got used.
I read all the last info's about the radio and also the postings about the
serial numbers.
So i called some dealers here in germany and asked which serial number the
units have they sell.
And it is 9K1.......
That mean that the units are made in 1999??
I cannot believe that the FT-100D's here selled as brand new are made 3
years ago.
And whats about the mods?
So any idea?

73's
Markus
DL1EIO

[Non-text portions of this message have been removed]

# 14218. Re: SWR and Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 17:13:57 UTC
From: backhoefade
Topic: 14146  Message: 14218

It's one of the photos in the ft100mods.zip file in the "Files"
section. There's even a close-up of the temperature sensitive switch
glued to the top of the final amp device. Just what you requested.
N6AF Chas

--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> Bill Reid- VE3VWD wrote:
>
> > I bought my FT-100D in October 2001. It is serial numbered
1F....
> > and it
> > has the screw in the centre rib and a small jumper soldered from
the
> > rib to
> > a nearby RF connector. So it appears to have the SWR mod but the
fan
> > mod is
> > not done.
> >
> > Bill VE3VWD
>
> Ditto!
>
> I have one purchased this year, in march. It has
> a 1H....
>
> There is a screw, and a copper jumper, in addition
> there are patches of copper attached to the top cover
> in several places, including the two raised "fingers"
> that hold the front of the top cover to the front of the
> frame.
>
> I do have a question though, does anybody have a
> picture of the factory fan mod (temp switch on
> the PA)?
>
> Tim
>
>
> [Non-text portions of this message have been removed]

# 14219. Re: FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 17:17:04 UTC
From: backhoefade
Topic: 14209  Message: 14219

The Rotary Club of America (a philanthropical organization) has a
national repeater system that uses an odd-ball tone burst to enter
the system (1820 Hz). The Rotary Encoder allows you to access that
system.

Actually, that's the widgit that you spin when you tune the Freq knob.
So I guess they found it was bad. Good for you.
N6AF Chas

--- In FT100@y..., "box542" <box542@y...> wrote:
> Greetings!
>
> Just received my FT-100 today from Yaesu.
>
> Radio was sent in for the FAN & HI SWR mod. It was received on
> 2/26/02, sat until 4/26/02, and was completed on 4/30/02! Yaesu
> called me on May 3 to inform me the radio was completed and
awaiting
> payment info. I called them on Monday, May 6, and they said it
would
> ship on May 8.
>
> My question... What the heck is the rotary encoder? On the Work
> Order, there's a comment by the Tech, that the ROTARY ENCODER on
the
> display unit was replaced. Charge was $6.01 for the part. The
> mod(s) and a complete checkup was $76.01
>
> I'll pull the bottom cover off later to see what was done!!
>
> 73
>
> Bruce

# 14220. Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 17:19:41 UTC
From: backhoefade
Topic: 14213  Message: 14220

Look at the picture of the Yaesu fan mod in the Files section of this website. There's a close-up picture of it in the ft100mods.zip file. It's one of the "underside" pics.
N6AF Chas

--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> Dick Thompson wrote:
>
> > Well, Chas, I hate to tell you this, but the fans on my FT-100D run
> > continually on HF and they always have. When keyed they increase
> > speed, hang in for a few seconds after the keying is released and then
> > the fans go back to the slower speed. But they continue to run.
> > Since adding the 51 ohm resistor, the fans run just like they have
> > always done on HF, while in V/U mode for receive. Like the HF side
> > they increase speed when keyed and decrease after a few seconds when
> > PTT is released.
> > ----- Original Message -----
> > Subject: [FT100] Re: Just Exchanged for New FT-100D
> >
> > I have never heard of an FT-100D whose fans run continuously on HF.
> > ...on HF the fans will run when transmitting and for a few seconds
> > after transmitting has stopped; and in receive mode when a certain
> > temperature is sensed. On VHF/UHF the fans only run when
> > transmitting.
> > After the thermal switch is added (the "fan mod") then the fans will
> >
> > act the same during VHF/UHF receive as they do in HF receive.
> > N6AF Chas
> >
>
> Have to agree with Chas on this. My fans will run
> when the transmitter is keyed on HF, but they will
> slow, and shut down shortly after. I can see the
> blades easily when they are stopped.
>
> I haven't looked to see if the fans turn on if a certain
> temperature is reached.

>
> I have a 1H.... Serial number, and I bought the FT100D
> recently. Apparently this is a change with newer models.
>
> > > Just exchanged my FT-100D that had been in the store for 1.5
> > months
> > > for one that was delivered today to HRO. It was made in 2001,
just
> >
> > > like the previous guy in month L, which is October I believe.
> > > However, it is several production runs in advance of the
> > previous....
> > >
> > > Anyway, I noticed a slight difference:
> > > The fans don't run always in HF receiving mode as they did on
the
> > > old one. Previously, the fans ran continuously on HF but not
on
> > VHF or
> > > UHF. Apparently, the fans ONLY kick on if transmitting, or if
the
> > > thermal sensor trips.
>
> OK here is the point. How can we tell if the thermal
> sensor has been installed, and works on HF, AND
> VHF or UHF? It is true that my FT100D has fans
> that turn off, on all frequencies. The big question is
> if that certain temperature is reached, will they turn
> on in receive, on all frequencies...
>
> Tim
> KA2PKH
>
>
> [Non-text portions of this message have been removed]

# 14221. Re: Confusion with serial number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 17:30:13 UTC
From: backhoefade
Topic: 14217  Message: 14221

I have mentioned several times that you can't rely on the date code.
It's "inaccurate".
If I were going to buy a new FT-100D through mail order I would just
bite the bullet and assume that I would be sending it in for the two
mods.
If I were buying it in a store I would ask permission to carefully
open the top and bottom of the chassis before I buy it to see if the
two mods are done. If I found that the spurious mod was done but not
the fan mod I might just buy it and install the fan resistor. If I
saw that neither mod was in there then I would probably send it to
the service center. The best case would be to have the store send it
but the couple of times I've discreetly mentioned the spurious mod at
our local retailer the guys there act like "what?? wow! really? I
didn't know there was an issue. No kidding?! Yaesu has a fix for a
problem in this model? Hmmmmm??? wow! thanks for the info."
So you might get lucky and get the store to send it in but in terms
of making sure the right words are written on the work order, etc,
it's probably safer to just buy the thing and send it in yourself.
So here's the sequence:
1) Pay the $800 or so.
2) Send in the rig for one to two months.
3) Get it back and enjoy it, knowing that you have the superior
receiver, compared to the alternative.
Myself, I would probably do this all over again rather than buy the
competition's rig.
N6AF Chas

--- In FT100@y..., Markus.Homma@t... wrote:
> Hi group,
>
> after a long time without a FT-100 i decided to buy a brand new FT-
100D
> for portable use with a FC-20 i got used.
> I read all the last info's about the radio and also the postings
about the
> serial numbers.
> So i called some dealers here in germany and asked which serial
number the
> units have they sell.
> And it is 9K1.......
> That mean that the units are made in 1999??
> I cannot believe that the FT-100D's here selled as brand new are
made 3
> years ago.
> And whats about the mods?

> So any idea?
>
> 73's
> Markus
> DL1EIO
>
>
>
>
>
> [Non-text portions of this message have been removed]

# 14222. Re: [FT100] Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 17:49:47 UTC
From: bob/AB9EE
Topic: 14207  Message: 14222

that is correct my mod was done so the radio could be used for mars! However there is also something to be said for having a radio that is capapble of transmitting on the 11 meter band for emergency use? There alwasy a posibillity that you may need to use ch9 on the cb frequencies. And acording to the FCC In an emergency any frequency can be used if it is a bonified emergency.
AB9EE

[Non-text portions of this message have been removed]

# 14223. Re: [FT100] Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 18:49:46 UTC
From: Jim Lasswell
Topic: 14207  Message: 14223

That's right Robert.... I opened mine up for M.A.R.S right after I got it and, if these do-gooders on this site don't like it , they can kiss my rose red behind. I own a fleet of big rig construction trucks and, they all have cb radios in them and for a good reason. Two of my drivers are ham operators and are using the FT 100 in there rigs and use them both ways on occasion. So, I am getting sick and tired of all those do-gooders out there saying that all cb'ers are bad people. When my people get out of line on the radio I, let them know about it
Tune into 40 M. some time and listen to all the trash that goes down on that Freq.
OK, enough of me blowing my stack. Better go and have a cold Diet Pepsi and cool off. 73
Jim AD6DW

----- Original Message -----
From: bob/AB9EE
To: FT100@yahoogroups.com
Sent: Friday, May 17, 2002 10:49 AM
Subject: Re: [FT100] Nix on Pirates & 11 Meter Mods

that is correct my mod was done so the radio could be used for mars! However there is also something to be said for having a radio that is capapble of transmitting on the 11 meter band for emergency use? There alwasy a posibillity that you may need to use ch9 on the cb frequencies. And acording to the FCC In an emergency any frequency can be used if it is a bonified emergency.
AB9EE

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14224. Re: [FT100] Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 22:57:08 UTC
From: Dick Thompson
Topic: 14213  Message: 14224

Well, Tim, it's OK to agree with Chas. But my FT-100D has a 1L, so it's allegedly newer than yours. My fans run continually in HF and speed up when I hit the PTT or keyer. Since I made the fan mod, it does the same thing in VHF/UHF. Go figure. No consistency here.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Tim
To: FT100@yahoogroups.com
Sent: Friday, May 17, 2002 12:00 AM
Subject: [FT100] Re: Newer FT-100D & the Fan Temperature Sensor

Dick Thompson wrote:

> Well, Chas, I hate to tell you this, but the fans on my FT-100D run
> continually on HF and they always have. When keyed they increase
> speed, hang in for a few seconds after the keying is released and then
> the fans go back to the slower speed. But they continue to run.
> Since adding the 51 ohm resistor, the fans run just like they have
> always done on HF, while in V/U mode for receive. Like the HF side
> they increase speed when keyed and decrease after a few seconds when
> PTT is released.
> ----- Original Message -----
> Subject: [FT100] Re: Just Exchanged for New FT-100D
>
> I have never heard of an FT-100D whose fans run continuously on HF.
> ...on HF the fans will run when transmitting and for a few seconds
> after transmitting has stopped; and in receive mode when a certain
> temperature is sensed. On VHF/UHF the fans only run when
> transmitting.
> After the thermal switch is added (the "fan mod") then the fans will
>
> act the same during VHF/UHF receive as they do in HF receive.
> N6AF Chas
>

Have to agree with Chas on this. My fans will run
when the transmitter is keyed on HF, but they will
slow, and shut down shortly after. I can see the
blades easily when they are stopped.

I haven't looked to see if the fans turn on if a certain
temperature is reached.

I have a 1H.... Serial number, and I bought the FT100D
recently. Apparently this is a change with newer models.

> > Just exchanged my FT-100D that had been in the store for 1.5
> months
> > for one that was delivered today to HRO. It was made in 2001, just
>
> > like the previous guy in month L, which is October I believe.
> > However, it is several production runs in advance of the
> previous....
> >
> > Anyway, I noticed a slight difference:
> > The fans don't run always in HF receiving mode as they did on the
> > old one. Previously, the fans ran continuously on HF but not on
> VHF or
> > UHF. Apparently, the fans ONLY kick on if transmitting, or if the
> > thermal sensor trips.

OK here is the point. How can we tell if the thermal
sensor has been installed, and works on HF, AND
VHF or UHF? It is true that my FT100D has fans
that turn off, on all frequencies. The big question is
if that certain temperature is reached, will they turn
on in receive, on all frequencies...

Tim
KA2PKH

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14225. Re: [FT100] Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 23:06:21 UTC
From: kevin asato
Topic: 14207  Message: 14225

It's called prepositioning for the new (as yet
unapproved) 5MHz allocation! Not that I can as I have
not tested for General, yet. One of these years . . .

kevin/kc6pob

--- Scott Kamm <n0ugn@...> wrote:
> These guys ask for help in a mod,probably for
> M.A.R.S ever thought of
> that.Besides hams have been modifying things for
> years.So if you have to
> questions one move all the time,you should stop and
> think about the other
> possibilites in mine.
>
> Jay Craswell wrote:
>
> > I don't know how many are following these
> questions about modifications for
> > 11 Meters. It's been a looooong time since
> Amateurs had an allocation on
> > 11 so I assume this is for illegal
> "freeband/pirate" use. I'm of the
> > opinion that we should strongly discourage any
> conversations about this
> > sort of thing. The Feds are interested in how
> licensed Ham behave
> > themselves and they are smart enough to read the
> Internet. When a Ham
> > assists others to do wrong they give all hams a
> black eye. So in short
> > Stop Screwing around with these guys. These are
> the same folks we hear
> > creeping up into the 10 and 12 meter bands and we
> should not lend them ANY
> > support in anyway whatsoever.
> >
> > Jay W0VNE
> >
> >
> > Post message: FT100@yahoogroups.com
> > Subscribe:
> FT100-subscribe@yahoogroups.com
> > Unsubscribe:
> FT100-unsubscribe@yahoogroups.com

> > List owner: FT100-owner@yahoogroups.com
> > FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as
> possible.
> >
> > Your use of Yahoo! Groups is subject to
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>
>
>

---
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# 14226. Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-17 23:11:19 UTC
From: kc0jao
Topic: 14207  Message: 14226

>you wrote;;;I own a fleet of big rig construction trucks and, they all have cb radios in them and for a good reason. Two of my drivers are ham operators and are using the FT 100 in there rigs and use them both ways on occasion.****

You should be ashamed! There is NO REASONABLE EXCUSE to transmit from a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100 already has 12 bands and several modes on those bands that are legal for use. And I am sure that since you are an Extra class operator, you are able to use the full benefit of the FT100. Also how are these "Freeband truckers" getting these illegal radios to transmit at the 4 watt maximum limit allowed on 11 meters? If these wonder boys can buy an $900+ HF radio they can shurely afford $40-$60 more dollars for a legal CB. If there is no way to communicate in an emergency with the legal bands at your disposal, I doubt that being able to talk to sombody a 11 meter, 4 watt radio is going to be of much use. I am still mind boggled that people like you can make yourselves believe it is ok to "bend the law" using emergency communications as your crutch. I noticed you didnt include call signs for the freeband truckers, that was probaly smart on your part. But if I were you I wouldnt have associated my call with a post like that! You never know whos watching these groups, right Riley?

Still in disbelief,
KCØJAO

# 14228. Re: Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 02:36:51 UTC
From: kraftwerk1976
Topic: 14207  Message: 14228

AB9EE and AD6DW are correct. I find nothing wrong with modifying a radio. Whether it be for M.A.R.S., C.B., or whatever. Now, don't think I am advocating the actual continuous use of the FT-100 (or any other radio for that matter) for everyday talking on C.B. or whatever other frequencies there may be. Like AB9EE mentioned earlier, it's always nice to have the C.B. band available and ready for use in emergencies. I actually modded my FT-100 for use on the C.B. band. No, not so I could wreak havoc on truck drivers on channel 19 with my massive 100 watts of output power (or is it 25 watts on A.M.? Can't remember), and no, not so I could go willy-nilly freebanding, pirating, swashbuckling or whatever you call it above channel 40 or below channel 1 on the C.B. radio. If I wanted to do that, I would buy me a Galaxy 44 or a Connex "Export" radio. I really think most of the amateur radio operators that modify radios for C.B. use, probably (hopefully) do not run above the maximum allowed output power of 4 watts, and do not operate above channel 40 or below channel 1. I know I do not.

Okay, about the emergency use of ham radios on C.B. frequencies. In my little automobile, I don't have room for many radios. So, instead of taking along my C.B. and FT-100, I only take along my FT-100 on road trips. I choose to only take along the FT-100 mainly to save space, and because it is much more fun to have available two meters, six meters, etc. So, when choosing between these two radios, the answer is pretty clear. When I travel and visit family, there is a turnpike I have to take-the Indian Nation Turnpike. Along this route I can hit a few repeaters, which is fun. The bad thing is, there are many miles in which I cannot hit any type of repeaters whatsoever. Not only that, but for many miles, my cellular phone never gets a signal either. Either there is not a signal or it just drops off. So, I am left without cell phone coverage, or repeater coverage for quite a while. There is also a large distance after you leave Antlers, Oklahoma, heading east towards Broken Bow, Oklahoma where repeater coverage is non existent (except in and around Antlers, this town actually does have a 2meter repeater.), and once again, Cellular phone coverage is quite spotty outside of this area. Guess who is available though? Truck drivers. It always seems like there is a truck driver on channel 19 (go figure, haha). Chances are, you could get in touch with one, and he or she might be able to help you somehow. Luckily, I have never had to use my amateur radio, cell phone, or C.B. radio for emergency use, and truly hope I never have to.
If a person uses a modified rig in emergencies only, that's okay (duh). The FCC says we can use any frequency for emergencies. Unfortunately, there are a few people out there that "abuse" the

bands, and run too much power or talk on the "freeband" frequencies. Hopefully, if they DO choose to talk on any of these frequencies, they do not interfere on these US Gov. frequencies. I can't remember exactly what frequencies above channel 40 and below channel 1 are allocated to the Fed. Gov. (and various other services), but I know some of them are. Thank you for letting me express my opinion on this.

--Adam

# 14229. Re: [FT100] Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:13:00 UTC
From: Jim Lasswell
Topic: 14207  Message: 14229

Hi Jeff.... Seems as though you didn't read my post very close before you started to run your mouth.
The two drivers I have that have the Ft 100 are hams and they are both Extra class operators, not wonder boys and they can certainly afford a ft 100d, believe me . I know cause I pay them every week and they earn every penny of it. You can be in disbelief all you want, but if I want to turn my radio on to 11 M. and see what the drivers are doing and where they are, I will do just that. As far as posting the call's of those truckers ( not frebanders ) That is no bodies business but there's. One of the drivers has been in amateur radio before you were a gleam in your daddies eyes. So before you go making all kinds of accusations about my men being freebanders, you need to ask yourself a question or two. If you want to tell Riley H., feel free to do so. I am not breaking any rules and regs. in listening to the radio on 11 M. You need to get a life, get out of that one tree state and come out to Calif. where the men are men and the sheep are happy about that. 73's Jeff, and I hope this hasn't peed on your pant leg to much. 73 AD6DW Jim

----- Original Message -----
From: kc0jao
To: FT100@yahoogroups.com
Sent: Friday, May 17, 2002 4:17 PM
Subject: [FT100] Re: Nix on Pirates &FREE BANDERS

>you wrote;;;I own a fleet of big rig construction trucks and, they all have cb radios in them and for a good reason. Two of my drivers are ham operators and are using the FT 100 in there rigs and use them both ways on occasion.****

You should be ashamed! There is NO REASONABLE EXCUSE to transmit from a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100 already has 12 bands and several modes on those bands that are legal for use. And I am sure that since you are an Extra class operator, you are able to use the full benefit of the FT100. Also how are these "Freeband truckers" getting these illegal radios to transmit at the 4 watt maximum limit allowed on 11 meters? If these wonder boys can buy an $900+ HF radio they can shurely afford $40-$60 more dollars for a legal CB. If there is no way to communicate in an emergency with the legal bands at your disposal, I doubt that being able to talk to sombody a 11 meter, 4 watt radio is going to be of much use. I am still mind boggled that people like you can make yourselves believe it is ok to "bend the law" using emergency communications as your crutch. I noticed you didnt include call signs for the freeband truckers, that was probaly smart on your part. But if I were you I wouldnt have associated my call with a post like that! You never know whos watching these groups, right Riley?

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[Non-text portions of this message have been removed]

# 14230. Re: [FT100] Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:22:20 UTC
From: Jim Lasswell
Topic: 14207  Message: 14230

Oh... And another thing Jeffrey. That so called freebander can tap out about 30 WPM of CW on his air horns. I have heard him do it and copied every word he said. Can you do that? I think not. 73 Jeffffee.
----- Original Message -----
From: kc0jao
To: FT100@yahoogroups.com
Sent: Friday, May 17, 2002 4:17 PM
Subject: [FT100] Re: Nix on Pirates &FREE BANDERS

>you wrote;;;I own a fleet of big rig construction trucks and, they all have cb radios in them and for a good reason. Two of my drivers are ham operators and are using the FT 100 in there rigs and use them both ways on occasion.****

You should be ashamed! There is NO REASONABLE EXCUSE to transmit from a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100 already has 12 bands and several modes on those bands that are legal for use. And I am sure that since you are an Extra class operator, you are able to use the full benefit of the FT100. Also how are these "Freeband truckers" getting these illegal radios to transmit at the 4 watt maximum limit allowed on 11 meters? If these wonder boys can buy an $900+ HF radio they can shurely afford $40-$60 more dollars for a legal CB. If there is no way to communicate in an emergency with the legal bands at your disposal, I doubt that being able to talk to sombody a 11 meter, 4 watt radio is going to be of much use. I am still mind boggled that people like you can make yourselves believe it is ok to "bend the law" using emergency communications as your crutch. I noticed you didnt include call signs for the freeband truckers, that was probaly smart on your part. But if I were you I wouldnt have associated my call with a post like that! You never know whos watching these groups, right Riley?

Still in disbelief,
KCØJAO

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[Non-text portions of this message have been removed]

# 14231. Re: FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:21:54 UTC
From: Pres Waterman
Topic: 14209  Message: 14231

> The Rotary Club of America (a philanthropical organization) has a
> national repeater system that uses an odd-ball tone burst to enter
> the system (1820 Hz). The Rotary Encoder allows you to access that
> system.

Oh my God! You are out of control! My belly hurts from laughing. Thank you.

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 14232. Re: adopt Pirates/FREE BANDERS & licence 'em

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:47:02 UTC
From: Tim
Topic: 14232  Message: 14232

kc0jao wrote:

> You should be ashamed! There is NO REASONABLE EXCUSE to transmit from
> a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100
> already has 12 bands and several modes on those bands that are legal
> for use. And I am sure that since you are an Extra class operator,
> you are able to use the full benefit of the FT100. Also how are
> these "Freeband truckers" getting these illegal radios to transmit at
> the 4 watt maximum limit allowed on 11 meters? If these wonder boys
> can buy an $900+ HF radio they can shurely afford $40-$60 more
> dollars for a legal CB.

Ok, not to spoil a good knock
down drag out fight....

But,

Why not, (given all the FRS, GMRS, ETC.) have the
11 meter allocation given back to hams. License
everybody, self police, get all the truckers to get a
quick license, just like all those "quick license"
boater courses offered at the various regattas every
year.
This course of action would solve several
problems:

First - and foremost, it would add more room to
a band with decent skip characteristics, that does
NOT require a huge whip antenna, or a lotta bucks
for an antenna system. (Just great for FT100D's)
Second - It would allow us to unleash all those
who just love to track down annoying operators,
and "get'em"
Third - NUMBERS, we get a huge increase in
numbers of operators. This will stave off, at least
for a few years, the loss of any more bandwidth.

I'm sure we could think of a few more good
points. Besides, this bandwidth belonged to Hams
in the first place.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14233. Re: Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:48:44 UTC
From: The Simpsons
Topic: 14207  Message: 14233

One of the first things I do to my radios is modify them for as wide a coverage (transmit and receive) as possible. I don't use them outside the amateur radio bands but it's nice to know I could in an emergency.
Also, all the vehicles I drive are capable of exceeding the posted speed limits by a large amount. It doesn't mean I will travel beyond those limits, although I do on rare occaisions. I imagine most of those people saying we shouldn't modify our radios also sometimes travel in their vehicles beyond the posted speed limits.
I have transmitted into a dummy load outside the amateur bands. The FT100 makes an excellent signal generator to do a basic go / nogo test on a receiver! It's easier to do this than get my HP 8920 test set out (it's very heavy).

Grant, ZL2BK.

# 14234. Re: [FT100] Re: adopt Pirates/FREE BANDERS & licence 'em

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:48:11 UTC
From: bob/AB9EE
Topic: 14232  Message: 14234

great idea but back in the 70's all it took was a 5.00 and a piece of paper for a cb license and 80 percent of the people then didnt bother. and instead of enforcing any rules they just let it go. even people who had license's seldom used call sign's. why isnt it a law that you need to show your license to purchase a transmitter ?? I guess its just to hard to enforce rules when most stations are always moblie. Its kind of difficult to follow someone around to gather evidence.

[Non-text portions of this message have been removed]

# 14235. Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:56:04 UTC
From: Tim
Topic: 14213  Message: 14235

Dick Thompson wrote:

> Well, Tim, it's OK to agree with Chas. But my FT-100D has a 1L, so
> it's allegedly newer than yours. My fans run continually in HF and
> speed up when I hit the PTT or keyer. Since I made the fan mod, it
> does the same thing in VHF/UHF. Go figure. No consistency here.

Right.
I believe you...
still, given the different operating
characteristics, everyone who has
a radio like mine, needs to be sure
if the temperature sensor is working.

I sure could use a picture, or a description
of the sensor, and a clear explanation
of the difference between the a radio
WITH a sensor active on all bandwidths,
and a sensor, or sensorless equipped
radio that does NOT work on all bandwidths.

It couldn't hurt.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14236. Re: [FT100] Re: adopt Pirates/FREE BANDERS & licence 'em

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 03:59:53 UTC
From: Dick Thompson
Topic: 14232  Message: 14236

Tim,

I promised myself I wasn't going to get involved in this foray. But after reading your comments, I couldn't hold back.

You bring up an interesting theory. But, a you so naive as to think that the CBers and freebanders who are now operating illegally are going to all of a sudden become legally licensed? NOT!!!

They have no respect for the rules now. Why "dumb down" the amateur radio service any further? They are practically giving the license away as it is. Maybe the FCC could have an amnesty program and give a license to all those who turn themselves in for operating illegally wherever they want to. Then, lo and behold, they would be legal, and they'd still operate wherever they want to operate.

Interesting premise, Tim, but I doubt we'll see it in our lifetime. I sure hope I don't.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Tim
To: FT100@yahoogroups.com
Sent: Friday, May 17, 2002 9:47 PM
Subject: [FT100] Re: adopt Pirates/FREE BANDERS & licence 'em

kc0jao wrote:

> You should be ashamed! There is NO REASONABLE EXCUSE to transmit from
> a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100
> already has 12 bands and several modes on those bands that are legal
> for use. And I am sure that since you are an Extra class operator,
> you are able to use the full benefit of the FT100. Also how are
> these "Freeband truckers" getting these illegal radios to transmit at
> the 4 watt maximum limit allowed on 11 meters? If these wonder boys
> can buy an $900+ HF radio they can shurely afford $40-$60 more
> dollars for a legal CB.

Ok, not to spoil a good knock
down drag out fight....

But,

Why not, (given all the FRS, GMRS, ETC.) have the
11 meter allocation given back to hams. License
everybody, self police, get all the truckers to get a
quick license, just like all those "quick license"

boater courses offered at the various regattas every
year.
This course of action would solve several
problems:

First - and foremost, it would add more room to
a band with decent skip characteristics, that does
NOT require a huge whip antenna, or a lotta bucks
for an antenna system. (Just great for FT100D's)
Second - It would allow us to unleash all those
who just love to track down annoying operators,
and "get'em"
Third - NUMBERS, we get a huge increase in
numbers of operators. This will stave off, at least
for a few years, the loss of any more bandwidth.

I'm sure we could think of a few more good
points. Besides, this bandwidth belonged to Hams
in the first place.

Tim
KA2PKH

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14237. Re: adopt Pirates/FREE BANDERS & licence 'em

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 04:25:03 UTC
From: Tim
Topic: 14232  Message: 14237

bob/AB9EE wrote:

> great idea but back in the 70's all it took was a 5.00 and a piece of
> paper for a cb license and 80 percent of the people then didnt bother.
> and instead of enforcing any rules they just let it go.

That was when it became a public band. I remember.
I suggested it be given back to Hams. Different story.

> I guess its just to hard to enforce rules when most stations are
> always moblie. Its kind of difficult to follow someone around to
> gather evidence.

There is a whole crowd of Hams out there
who actually get up early on the weekends to
track the "rabbit". It would be a hoot, tracking
and IDing the stations. Instead of giving 'em
tickets, we hand out discount coupons for FT100D's,
and a "get out of jail" appearance ticket that can be
canceled by showing a license...
and a listing of "quick classes", of course.

It could be done.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14238. Re: [FT100] Re: adopt Pirates/FREE BANDERS & licence 'em

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 04:45:09 UTC
From: Tim
Topic: 14232  Message: 14238

Dick Thompson wrote:

> Tim,
>
> I promised myself I wasn't going to get involved in this foray. But
> after reading your comments, I couldn't hold back.
>
> You bring up an interesting theory. But, a you so naive as to think
> that the CBers and freebanders who are now operating illegally are
> going to all of a sudden become legally licensed? NOT!!!

Heh, heh, I certainly hope not.

I also don't think that the deer
will just walk out and jump in
front of your gun at the start of
hunting season.
It would ruin all the fun...
[grin]

> They have no respect for the rules now. Why "dumb down" the amateur
> radio service any further?

Dumb it down?
The forest isn't dumber if the deer don't show.
The FCC gets a few fines, we get some real
exercise... and the Hams add some numbers,
for those who get the message.

Our "service" is in danger of extinction.
We need numbers. The "dumb down"
thing didn't work back when it was first
proposed. Now in the age of Internet,
it is a joke.

> They are practically giving the license away as it is. Maybe the FCC
> could have an amnesty program and give a license to all those who turn
> themselves in for operating illegally wherever they want to. Then, lo
> and behold, they would be legal, and they'd still operate wherever
> they want to operate.

They don't need to. Ever go to a big
boat show? I have. The last Atlantic
City Boat show had record numbers.
The groups of boaters who attended
the "Ham License Talk" (AKA "quick
License") were your average people.

They needed a license to access the
ham capabilities of their broadband
boat radios, amongst other things. This is
just the type of people who will be
sucked in with an 11 Meter draft.
I have no problem with them if it means
we get more clout where it matters in the
Numbers Department.

As for the rest,
well...
it's "open season"
let's get out there and
hunt 'em down.

(Hang a few of those suckers over
my hood, take a few pictures, and
get a good nights sleep)

;-)
;-)
;-)

> Interesting premise, Tim, but I doubt we'll see it in our lifetime. I
> sure hope I don't.

You never know,
meanwhile I'll keep
polishing my tracking
antennas...
and dream of bagging one
of those 10 meter skippers,
a nice big one, suitable for
framing.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14239. RE: [FT100] Re: Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 04:48:54 UTC
From: Eric van de Weyer
Topic: 14207  Message: 14239

The out of band mods can also be useful with a transverter....quite legal if the transverter comes out on a legit band.

73....Eric VK2KUR
-----Original Message-----
From: The Simpsons [mailto:grant@...]
Sent: Saturday, 18 May 2002 13:49
To: FT100@yahoogroups.com
Subject: [FT100] Re: Nix on Pirates & 11 Meter Mods

One of the first things I do to my radios is modify them for as wide a coverage (transmit and receive) as possible. I don't use them outside the amateur radio bands but it's nice to know I could in an emergency.
Also, all the vehicles I drive are capable of exceeding the posted speed limits by a large amount. It doesn't mean I will travel beyond those limits,
although I do on rare occaisions. I imagine most of those people saying we shouldn't modify our radios also sometimes travel in their vehicles beyond the posted speed limits.
I have transmitted into a dummy load outside the amateur bands. The FT100 makes an excellent signal generator to do a basic go / nogo test on a receiver! It's easier to do this than get my HP 8920 test set out (it's very
heavy).

Grant, ZL2BK.

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[Non-text portions of this message have been removed]

# 14240. Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 05:04:51 UTC
From: kc0jao
Topic: 14207  Message: 14240

Ten Four good buddie! I do copy code QUITE well thank you, 30 wpm? NO PROBLEM! I got into Amatuer radio just because of CW. I have been SWL'ing CW for quite awhile before I got my ticket. I am sure he isnt using more than the needed power output to complete the contact on those air horns when he taps out these QSO's! I didnt mean to Poke a stick in the proverbial Hornets nest either. But, I still think there is no need to modify radios to 11 meters, If you are in that remote of an area, just wave those truckers over. Most of them (non-Hams) dont know what SWR is and cant get out more than a Mile or so anyway. They can see you before they can hear you. I work at a 2-way shop and I fix these "Muffed" antenna jobs every day. SO big shooter, keep the shiney side up and smokey off your tail!
P.S. dont worry about the Pee on my leg, my Grandpa had that problem too when he got excited!

.- -.. -.... -.. .-- -.. . -.- -.-. ----- .--- .- --- --..-- -- ... ...-- .-.-.- -.-

-- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Oh... And another thing Jeffrey. That so called freebander can tap out about 30 WPM of CW on his air horns. I have heard him do it and copied every word he said. Can you do that? I think not. 73 Jeffffee.
> ----- Original Message -----
> From: kc0jao
> To: FT100@y...
> Sent: Friday, May 17, 2002 4:17 PM
> Subject: [FT100] Re: Nix on Pirates &FREE BANDERS
>
>
>
> >you wrote;;;I own a fleet of big rig construction trucks and, they
> all have cb radios in them and for a good reason. Two of my drivers
> are ham operators and are using the FT 100 in there rigs and use them
> both ways on occasion.****
>
> You should be ashamed! There is NO REASONABLE EXCUSE to transmit from
> a ham radio on 11 meters or any other "Un-Ham" frequency. The FT100
> already has 12 bands and several modes on those bands that are legal

> for use. And I am sure that since you are an Extra class
operator,
> you are able to use the full benefit of the FT100. Also how are
> these "Freeband truckers" getting these illegal radios to
transmit at
> the 4 watt maximum limit allowed on 11 meters? If these wonder
boys
> can buy an $900+ HF radio they can shurely afford $40-$60 more
> dollars for a legal CB. If there is no way to communicate in an
> emergency with the legal bands at your disposal, I doubt that
being
> able to talk to sombody a 11 meter, 4 watt radio is going to be
of
> much use. I am still mind boggled that people like you can make
> yourselves believe it is ok to "bend the law" using emergency
> communications as your crutch. I noticed you didnt include call
> signs for the freeband truckers, that was probaly smart on your
part.
> But if I were you I wouldnt have associated my call with a post
like
> that! You never know whos watching these groups, right Riley?
>
> Still in disbelief,
> KCØJAO
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> We are all a part of this Lets make it as good as possible.
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Service.
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>
>
> [Non-text portions of this message have been removed]

# 14241. Re: Nix on Pirates & 11 Meter Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 06:11:21 UTC
From: kc0jao
Topic: 14207  Message: 14241

--- In FT100@y..., "kraftwerk1976" <ahannah@g...> wrote:
>
It always seems like there is a truck driver on channel 19 (go figure, haha). Chances are, you could get in touch with one, and he or she might be able to help you somehow. Luckily, I have never had to use my amateur radio, cell phone, or C.B. radio for emergency use, and truly hope I never have to.
If a person uses a modified rig in emergencies only, that's okay (duh). The FCC says we can use any frequency for emergencies. ****

Adam I agree, in part, First one has to take into account that the "emergencies" the FCC refers to, are not flat tires or broken down cars. As all of us know, There are VERY FEW places on this planet that are "out of range", or that have "poor coverage" on the HF ham bands. If you cant raise someone on HF to help, you probably have a bad radio or antenna, and if thats the case, the freeband mods wont do you any better.
I am just amused at the amount of people that arent satisfied with the bands we have allocated to us. I should figure out how to take one of those DC to Daylight, continueous band, all mode scanners and make it transmit at 3000 watts. I bet I could sell a ton of these for "emergency use", but EVEN that wouldnt satisfy the "Free banders" though, they would still be pissed that they couldnt use EVERY satelite in orbit! I have monitored emergency traffic at Tornado ravaged locations, flood sites, The recent fires in Colorado, even some of the World Trade Center emergency traffic, I have NEVER heard any of them need to QSY to 11 meters or any other NON Ham band for that matter. Say what they will, there is NO EXCUSE to be out of band.
As far as MARS and CAP mods go, there is 150 modified radios out there for every 1 person that is legal to operate them.

Happy HF'ing!
Jeff
KCØJAO

# 14242. Re: AM Filter???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 11:23:57 UTC
From: n8uvq@juno.com
Topic: 14189  Message: 14242

Pop the top cover and take a peak. The filter, IF installed, appears
at front center of rig. My reference to top and front imply one is
looking at the LCD display with speaker pointing up.
-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

On Thu, 16 May 2002 09:43:22 -0000 "kraftwerk1976"
<ahannah@...> writes:
>--- In FT100@y..., "bob/AB9EE" <traindr9@u...> wrote:
>> Is it possible my ft100 came with the 6khz am filter? when i push
>the 6khz
>> button it gets bold and i am able to both transmit and recieve AM
>on 11
>> meters?
>
> No, probably not. Mine did the exact same thing when I got it a
>few years ago. As far as I know, Yaesu is still not including the AM
>filters with the radio. It's a shame you need to buy a filter to use
>a mode that is built into the radio :-( You should buy the AM
>filter, as you will notice a huge difference in RX/TX! Though,
>without the filter, you WILL be able to receive and transmit, there
>is a night and day difference between having it and not having it.
>The cheapest I have seen it was $79 at Texas Towers.
>
>--Adam
>
>
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>
>We are all a part of this Lets make it as good as possible.
>
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>

_____
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# 14243. Re: [FT100] Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 13:13:38 UTC
From: Lee Devlin
Topic: 14213  Message: 14243

--- Tim <tmaxwell@...> wrote:

> I sure could use a picture, or a description
> of the sensor, and a clear explanation
> of the difference between the a radio
> WITH a sensor active on all bandwidths,
> and a sensor, or sensorless equipped
> radio that does NOT work on all bandwidths.

This is shown in the FAQ linked to the 'Factory Modifications' explanation. There is a link in that text that points to:

http://k0lee.com/thermalmod.htm

This shows the thermal switch and describes the behavior of the radio before and after the mod on V/U and HF.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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LAUNCH - Your Yahoo! Music Experience
http://launch.yahoo.com

# 14244. [FT100] Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 13:46:36 UTC
From: byrddawg
Topic: 14207  Message: 14244

"You need to get a life, get out of that one tree state and come out to Calif. where the men are men and the sheep are happy about that. 73's Jeff, and
I hope this hasn't peed on your pant leg to much. 73 AD6DW Jim"

Hey Jim....This has been somewhat entertaining, but somewhat off the subject of the FT-100. I am also a relatively new ham like Jeff, but am very capable of reading and understanding rules & regulations. I really think it best to not break the rules that are clearly stated.

I have been to CA & KS and both have good and bad points like all places. I would prefer to live in KS if I had to make a choice. We don't have that many sheep in the Midwest. What is it with the men and happy sheep in CA? 73's Paul KD5KVZ in OK (We have two trees here)

# 14245. Off topic discussions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 14:19:18 UTC
From: Lee Devlin
Topic: 14213  Message: 14245

I know that it's difficult to restrain one's self when a hot button topic like CB radio has been pushed, but we try to keep the topics on this forum related to the FT100. If you notice that a topic has strayed off course and into a debate about some kind of general ham topic, please refrain from adding any more fuel to the fire.

On a related note, I think it's great when people can weave humor into their postings while offering some sage advice on matters related to the FT100. However, this isn't a forum set up for the purpose of showcasing one's comedic talents. If you get done writing some searingly witty posting and then realize that the *only* point of your posting is to allow others revel in your profound talent as a comic, then you probably should hit the delete key. Otherwise, someone with only half your comedic talent will respond, and then another with only half of his talent, and so on until we all feel quite tormented.

While I'm discussing humor, please remember that there's a fine line between humor and sarcasm. Sarcasm is defined as a cutting, often ironic remark intended to wound. So please let's keep the sarcasm to a minimum. It's pretty hard to use it without some of our 1900+ members feeling targeted by it.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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# 14246. Re: [FT100] Fan Mod on FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 14:29:16 UTC
From: W6MDK@AOL.COM
Topic: 14146  Message: 14246

No problem. 50 Ohms is 50 ohms. I used a 47 ohm myself, as that is what I was able to find. All it means is that the fan runs slightly faster than it would with a higher resistance. In the car, who cares?

# 14247. RE: [FT100] Off topic discussions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 14:32:53 UTC
From: T Chapman
Topic: 14213  Message: 14247

Well stated Lee. It seems that lately discussions have been on
everything but the FT100 (BB, Freeband, antennas, etc.)

-----Original Message-----
From: Lee Devlin [mailto:lee810@...]
Sent: Saturday, May 18, 2002 9:19 AM
To: FT100@yahoogroups.com
Subject: [FT100] Off topic discussions

I know that it's difficult to restrain one's self when
a hot button topic like CB radio has been pushed, but
we try to keep the topics on this forum related to the
FT100. If you notice that a topic has strayed off
course and into a debate about some kind of general
ham topic, please refrain from adding any more fuel to
the fire.

On a related note, I think it's great when people can
weave humor into their postings while offering some
sage advice on matters related to the FT100. However,
this isn't a forum set up for the purpose of
showcasing one's comedic talents. If you get done
writing some searingly witty posting and then realize
that the *only* point of your posting is to allow
others revel in your profound talent as a comic, then
you probably should hit the delete key. Otherwise,
someone with only half your comedic talent will
respond, and then another with only half of his
talent, and so on until we all feel quite tormented.

While I'm discussing humor, please remember that
there's a fine line between humor and sarcasm.
Sarcasm is defined as a cutting, often ironic remark
intended to wound. So please let's keep the sarcasm
to a minimum. It's pretty hard to use it without some
of our 1900+ members feeling targeted by it.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

---------------------------------------------------
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[Non-text portions of this message have been removed]

# 14248. Re: [FT100] Re: Nix on Pirates &FREE BANDERS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 15:54:47 UTC
From: Jim Lasswell
Topic: 14207  Message: 14248

Hi Byrddawg...I have just been jerking on Jeff's chain a bit. I to understand the R/R of amateur radio and try to adhere to all of them. I have never operated either of my Ft 100's out of band except for the M.A.R.S freq. , and that is very seldom done.
Two of my drivers have cb's and the Ft 100 in there rigs and use them both, but I have never heard either one of them on the 100's out of band. It is far too much trouble to do so , as you have to go into the menu and drop the modulation way down and, that is very hard to do in a big rig going down the road ( so to speak ). They use there cb radios.
I need to apologies to all the folks on this reflector for being a bit off topic and silly about cb vs. amateur radio. I apologize as well to Jefffeee out there in that truck stop working on those cb antennas.
Oh, and we have a bunch of trees out here on the left coast. Some of the red woods up in the high country are just a few years older than I am..... 73's , and remember ..its just a hobby, but a wonderful one at that. AD6DW Jim

----- Original Message -----
From: byrddawg
To: FT100@yahoogroups.com
Sent: Saturday, May 18, 2002 6:46 AM
Subject: [FT100] Re: Nix on Pirates &FREE BANDERS

"You need to get a life, get out of that one tree state and come out
to Calif. where the men are men and the sheep are happy about that.
73's Jeff, and
I hope this hasn't peed on your pant leg to much. 73 AD6DW Jim"

Hey Jim....This has been somewhat entertaining, but somewhat off the
subject of the FT-100. I am also a relatively new ham like Jeff, but am
very capable of reading and understanding rules & regulations. I really
think it best to not break the rules that are clearly stated.

I have been to CA & KS and both have good and bad points like all
places. I would prefer to live in KS if I had to make a choice. We don't
have that many sheep in the Midwest. What is it with the men and happy
sheep in CA? 73's Paul KD5KVZ in OK (We have two trees here)

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[Non-text portions of this message have been removed]

# 14249. Re: [FT100] Off topic discussions

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 18:00:49 UTC
From: frankweiss@aol.com
Topic: 14213  Message: 14249

Anybody have any info on the new FT-897 allegedly introed at Dayton? Does it include an antenna tuner? Does it have a headphone jack? Price??

Tnx!

Frank K6FCW

[Non-text portions of this message have been removed]

# 14250. Pirate Mods & Repair a Success!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 18:53:55 UTC
From: Jay Craswell
Topic: 14250  Message: 14250

Just to clarify my position. When people ask about mods specificly for 11 Meters I assume they are pirates. It's my opinion the folks helping this type of individual is NOT helping the Amateur Service to look good. And yes, Riley IS listening.

BTW: I think the comments about turning CB bands into Ham Bands and handing out new no test / code licenses to "save" Ham radio and comments about Sheep, how fast you can copy CW etc are all off the point and only make things worse. Do we want to assist others to break the law and help them invade our bands? How many of you took up the ARRL request to monitor 12 and the bottom of 10 meters? I heard a LOT of signals. All "freebander/Pirate/Lids." I for one won't help or stand silent while others assist this sort of rubbish. And those of you with two feet to stand on should not either.

Ok, since this is the FT-100 Forum let me say something more FT-100 related. I FIXED MINE!!! It was the one with almost no receive. I found the two 4.7 Ohm surface mount resisters in the DC:DC converter were smoked. Easy check if you have similar symptoms just see if you have -9V DC or not/ I replaced them with a 1/4 watt and it's all clicking along. I did a receive alignment and life is good. BTW on the failure I note there was no fan Mod. I had my first contacts (On 15 M SSB) and will be trying to hook up my J-36 Bug later tonight. *And NO I can't copy 30 WPM. Heck I don't know if I can SEND 30 WPM!!

73 de Jay W0VNE

# 14251. Re: [FT100] Re: SWR meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 04:39:54 UTC
From: cherokeeguy777@aol.com
Topic: 2809  Message: 14251

I've seen some talk on a specific swr meter that works well with the FT-100d.
I'm about ready to install it in my Toyota 4Runner. Whats a good meter to get?
Tnx
Steve
KC8LQV
73

# 14252. Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 05:38:44 UTC
From: Tim
Topic: 14213  Message: 14252

Lee Devlin wrote:

> --- Tim <tmaxwell@...> wrote:
>
> > I sure could use a picture, or a description
> > of the sensor...
>
> This is shown in the FAQ linked to the 'Factory
> Modifications' explanation. There is a link in that
> text that points to:
>
> http://k0lee.com/thermalmod.htm
>
> This shows the thermal switch and describes the
> behavior of the radio before and after the mod on V/U
> and HF.

Thanks, my unit does not have the
thermal switch, however, in the before
pictures there is a green capacitor,
while in the after pictures, there is a
standard yellow one. My unit has the
same yellow one, minus the bright red
lead covers (mine are clear.)

I could be wrong, but it seems that
the FT100D has a collection of mods,
almost at random. With no real
documentation, it would seem like there is
no consistency at all.

I think I'll try the resistor mod for a while.
Eventually I will send it back, you never
know what will be added.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14253. Re: [FT100] Re: Newer FT-100D & the Fan Temperature Sensor

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 06:06:32 UTC
From: Lee Devlin
Topic: 14213  Message: 14253

--- Tim <tmaxwell@...> wrote:

> Thanks, my unit does not have the
> thermal switch, however, in the before
> pictures there is a green capacitor,
> while in the after pictures, there is a
> standard yellow one. My unit has the
> same yellow one, minus the bright red
> lead covers (mine are clear.)

The capacitor is the same value, just from a different manufacturer. The rig in that picture had its V/U final transistor replaced and they put a new cap on it because they had to unsolder the old one to get the transistor off.

> I could be wrong, but it seems that
> the FT100D has a collection of mods,
> almost at random. With no real
> documentation, it would seem like there is
> no consistency at all.

There has been an iterative approach on the fixing the SWR/grounding issue on the LPF board but it's stablized now. The thermal switch mod is done on request.

There is the 'green wire' mod where a signal is fed back from a buffer IC on the LPF board and through a resistor to one of the filter boards on the main unit. My rig doesn't have this mod and I'm not sure what it does.

Other than that, I don't know of any other factory mods.

=====
73,

Lee Devlin, K0LEE
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_____
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# 14254. RE: [FT100] Pirate Mods & Repair a Success!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 12:03:02 UTC
From: Eric van de Weyer
Topic: 14250  Message: 14254

-----Original Message-----
From: Jay Craswell [mailto:jay@...]
Sent: Sunday, 19 May 2002 04:54
To: FT100@yahoogroups.com
Subject: [FT100] Pirate Mods & Repair a Success!

> type of individual is NOT helping the Amateur Service to look good.
And
> yes, Riley IS listening.

OK, I'll bite, who or what the hell is Riley?

73....Eric VK2KUR

[Non-text portions of this message have been removed]

# 14255. RE: [FT100] Pirate Mods & Repair a Success!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 12:08:43 UTC
From: Cliff Bryant
Topic: 14250  Message: 14255

Riley Hollingsworth

US FCC Special Counsel for Amateur Radio Enforcement.

(From a Ham Convention poster)

> type of individual is NOT helping the Amateur Service to look good.
And
> yes, Riley IS listening.

OK, I'll bite, who or what the hell is Riley?

73....Eric VK2KUR

[Non-text portions of this message have been removed]

# 14256. RE: [FT100] Pirate Mods & Repair a Success!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 12:24:23 UTC
From: Eric van de Weyer
Topic: 14250  Message: 14256

Thanks, Cliff, thought it had to be someone like that.

73....Eric VK2KUR
-----Original Message-----
From: Cliff Bryant [mailto:CliffB@...]
Sent: Sunday, 19 May 2002 22:09
To: FT100@yahoogroups.com
Subject: RE: [FT100] Pirate Mods & Repair a Success!

Riley Hollingsworth

US FCC Special Counsel for Amateur Radio Enforcement.

(From a Ham Convention poster)

> type of individual is NOT helping the Amateur Service to look good.
And
> yes, Riley IS listening.

OK, I'll bite, who or what the hell is Riley?

73....Eric VK2KUR

[Non-text portions of this message have been removed]

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# 14257. Fwd: [Live-Wire] Dayton - W3FF/FT897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 14:54:48 UTC
From: A V Flinsch
Topic: 14257  Message: 14257

---------- Forwarded Message ----------

Subject: [Live-Wire] Dayton - W3FF/FT897
Date: Sat, 18 May 2002 21:23:45 -0500
From: "DH Hatch - N9ZRT" <n9zrt@...>
To: "Live-Wire@yahoogroups. Com" <Live-Wire@yahoogroups.com>

Live-Wires,

Just back from Dayton. Feel free to post this to other groups.

Here is Budd, W3FF with his son, Chris [On the right] and another ham on
the left, at the Buddipole booth...
http://www.wireservices.com/n9zrt/dytn-02/budd1.jpg

And here is Budd alone, at the same booth, just hours ago...
http://www.wireservices.com/n9zrt/dytn-02/budd2.jpg

And, the biggest story out of Dayton is the uncovering of the FT-897. HF
+ 6 meters, 100 watts. Built in AC power supply and built in battery. My
son took these pics. I could not break free, I was at a booth...

http://www.wireservices.com/n9zrt/dytn-02/ft897a.jpg

On the other side of this unit, not shown is a carrying handle. Reports
are, super rig for portable, a bit heavy for backpacking...
http://www.wireservices.com/n9zrt/dytn-02/ft897b.jpg

Pass the word to other lists.

Posted on the Live-Wire Group by N9ZRT
http://www.wireservices.com/livewire.html

David H. Hatch - N9ZRT
http://www.wireservices.com

[Non-text portions of this message have been removed]

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Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14258. Re: [FT100] Re: SWR meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 14:58:35 UTC
From: Jim Lasswell
Topic: 2809  Message: 14258

Hi Steve.. I use a Daiwa cn-410m and , it works great. Its small and does every thing. Even has a backlight. Good luck.. AD6DW Jim
----- Original Message -----
From: cherokeeguy777@...
To: FT100@yahoogroups.com
Sent: Saturday, May 18, 2002 9:39 PM
Subject: Re: [FT100] Re: SWR meter

I've seen some talk on a specific swr meter that works well with the FT-100d.
I'm about ready to install it in my Toyota 4Runner. Whats a good meter to get?
Tnx
Steve
KC8LQV
73

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[Non-text portions of this message have been removed]

# 14259. Re: FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-18 21:45:54 UTC
From: box542
Topic: 14209  Message: 14259

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> The Rotary Club of America (a philanthropical organization) has a
> national repeater system that uses an odd-ball tone burst to enter
> the system (1820 Hz). The Rotary Encoder allows you to access that
> system.

Ya know, for the longest time I had this odd-ball TONE playing in my
in my head. From time to time the YL would ask what I was listening
to, but I just couldn't explain it! Thanks so much for helping me
'cure' the problem!

:-)

Bruce - N1VRB

> Actually, that's the widgit that you spin when you tune the Freq
knob.
> So I guess they found it was bad. Good for you.
> N6AF Chas

# 14260. Re: [FT100] Re: SWR meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 16:55:34 UTC
From: Dick Thompson
Topic: 2809  Message: 14260

Steve, I bought the Yaesu YS-60. it's small, but I don't know how you would mount it in a mobile. It didn't have a mounting bracket. Any swr meter would work. SWR is SWR.

73,
Dick
WB0DUL@...
----- Original Message -----
From: cherokeeguy777@...
To: FT100@yahoogroups.com
Sent: Saturday, May 18, 2002 10:39 PM
Subject: Re: [FT100] Re: SWR meter

I've seen some talk on a specific swr meter that works well with the FT-100d.
I'm about ready to install it in my Toyota 4Runner. Whats a good meter to get?
Tnx
Steve
KC8LQV
73

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[Non-text portions of this message have been removed]

# 14261. Re: [FT100] Fwd: [Live-Wire] Dayton - W3FF/FT897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 17:06:47 UTC
From: Dick Thompson
Topic: 14257  Message: 14261

Now the next obvious question on the FT-897; what is the price/price range?

Thanks for the information, David.

73,

Dick
WB0DUL@...
----- Original Message -----
From: A V Flinsch
To: FT100@yahoogroups.com
Sent: Sunday, May 19, 2002 8:54 AM
Subject: [FT100] Fwd: [Live-Wire] Dayton - W3FF/FT897

---------- Forwarded Message ----------

Subject: [Live-Wire] Dayton - W3FF/FT897
Date: Sat, 18 May 2002 21:23:45 -0500
From: "DH Hatch - N9ZRT" <n9zrt@...>
To: "Live-Wire@yahoogroups. Com" <Live-Wire@yahoogroups.com>

Live-Wires,

Just back from Dayton. Feel free to post this to other groups.

Here is Budd, W3FF with his son, Chris [On the right] and another ham on
the left, at the Buddipole booth...
http://www.wireservices.com/n9zrt/dytn-02/budd1.jpg

And here is Budd alone, at the same booth, just hours ago...
http://www.wireservices.com/n9zrt/dytn-02/budd2.jpg

And, the biggest story out of Dayton is the uncovering of the FT-897. HF
+ 6 meters, 100 watts. Built in AC power supply and built in battery. My
son took these pics. I could not break free, I was at a booth...

http://www.wireservices.com/n9zrt/dytn-02/ft897a.jpg

On the other side of this unit, not shown is a carrying handle. Reports
are, super rig for portable, a bit heavy for backpacking...
http://www.wireservices.com/n9zrt/dytn-02/ft897b.jpg

Pass the word to other lists.

Posted on the Live-Wire Group by N9ZRT
http://www.wireservices.com/livewire.html

David H. Hatch - N9ZRT
http://www.wireservices.com

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http://www.qsl.net/kc2ivl
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and a lot of that comes from bad judgment"

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# 14262. FT100 & MD100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 17:24:37 UTC
From: unit175
Topic: 14262  Message: 14262

Hi All,

Who has information how to connect an MD100 to the FT100
I have told that there might a cable for it but my dealer doesnt
know ???

Regards,

Hans PD0RXG

# 14263. Re: [FT100] Re: SWR meter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 20:29:21 UTC
From: Bob Evans
Topic: 2809  Message: 14263

Steve,

How about using the SWR meter built into the FT-100. It will keep the clutter down in the car and it is free!

Bob K5WA

----- Original Message -----
From: cherokeeguy777@...
To: FT100@yahoogroups.com
Sent: Saturday, May 18, 2002 9:39 PM
Subject: Re: [FT100] Re: SWR meter

I've seen some talk on a specific swr meter that works well with the FT-100d.
I'm about ready to install it in my Toyota 4Runner. Whats a good meter to get?
Tnx
Steve
KC8LQV
73

# 14264. Re: [FT100] FT-897 and new ATAS-120 at Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 21:45:43 UTC
From: lhlousek
Topic: 14264  Message: 14264

I just got back from Dayton.

I guess of most interest to this group is that Yaesu introduced a new ATAS, the ATAS-120. It's 20% faster than the
ATAS-100, has a rigid sliding coil cover instead of the bellows (similar to big screwdrivers), and a few minor cosmetic
differences. Chip Margelli said it is otherwise identical to the ATAS-100.

The FT-897 is better looking in person than in the photos (but not a lot). It looks like as if it is intended to have a
quasi-military/industrial appearance. Power is 100W through 6 meters, 50 on 2 meters and 20 on 70cm. There is a big
handle on the side and it can have either an internal power supply or two NiMH batteries installed. Size is 7.9 x 3.2 x
10.3 inches...much bigger and heftier than the FT100. Basic feature set look very similar to the FT100 except the front
panel is not removable and it has a CW training feature (???). Chip talked about using it mainly for field/portable ops
or as a manpack and said that he expects it to have performance similar to that of the FT100. Overall, nothing to get
too excited about unless you happen to be into that sort of thing.

They also showed a new FT8900R FM mobile with 50 Watts on 29/50/144 MHz and 30 on 430 MHz, dual RX, and full duplex
capable.

FT100Ds were $559 and ATAS-100s were $219 at the show.

Many hams in attendance were already sporting metalic VX-7s with their strobes flashing. Very chic.

Lou W7DZN

# 14265. Who or what is Riley?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-19 22:53:38 UTC
From: J Craswell
Topic: 14265  Message: 14265

> type of individual is NOT helping the Amateur Service to look good. And
> yes, Riley IS listening.

> OK, I'll bite, who or what the hell is Riley?

>73....Eric VK2KUR

Hi Eric:

I was talking about our FCC (Federal Communications Commission) agent who has been doing enforcement. For a while it seemed like anything goes. Pirates, Jammers etc. No one did anything and it was getting pretty bad. Now along came Riley Hollingsworth (Spelxed Rite?) who started to revoke a few licenses and send a few hefty fines. Heck we even have some guys doing a few years in the lock up for jamming Police etc. Which in my opinion is a good thing. He is a Ham himself and has been known to get on the air and say "Cut this out" to some of the (so called) Nets which are pretty much dedicated to cursing each other out and jamming others. A hands on sort of guy.

73 de Jay W0VNE

p.s. Bagged my first A61 last night with FT100!

# 14266. Re: [FT100] FT-897 and new ATAS-120 at Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 00:48:01 UTC
From: Dick Thompson
Topic: 14264  Message: 14266

Thanks for the information, Lou. But I asked once and haven't received any answer, so I'll ask again; what is the price/price range of the FT-890? I know there will be a suggest retail and a street price. Any idea of what eith one will be?

What is the price on the ATAS-120?
----- Original Message -----
From: lhlousek
To: FT100@yahoogroups.com
Sent: Sunday, May 19, 2002 3:45 PM
Subject: Re: [FT100] FT-897 and new ATAS-120 at Dayton

I just got back from Dayton.

I guess of most interest to this group is that Yaesu introduced a new ATAS, the ATAS-120. It's 20% faster than the
ATAS-100, has a rigid sliding coil cover instead of the bellows (similar to big screwdrivers), and a few minor cosmetic
differences. Chip Margelli said it is otherwise identical to the ATAS-100.

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handle on the side and it can have either an internal power supply or two NiMH batteries installed. Size is 7.9 x 3.2 x
10.3 inches...much bigger and heftier than the FT100. Basic feature set look very similar to the FT100 except the front
panel is not removable and it has a CW training feature (???). Chip talked about using it mainly for field/portable ops
or as a manpack and said that he expects it to have performance similar to that of the FT100. Overall, nothing to get
too excited about unless you happen to be into that sort of thing.

They also showed a new FT8900R FM mobile with 50 Watts on 29/50/144 MHz and 30 on 430 MHz, dual RX, and full duplex
capable.

FT100Ds were $559 and ATAS-100s were $219 at the show.

Many hams in attendance were already sporting metalic VX-7s with their strobes flashing. Very chic.

Lou W7DZN

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[Non-text portions of this message have been removed]

# 14267. Re: [FT100] FT-897 and new ATAS-120 at Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 00:51:31 UTC
From: Dick Thompson
Topic: 14264  Message: 14267

Lou,

In a previous message I asked the price/price range of the 890. I meant to type FT-897. Sorry 'bout that.

73,

Dick
WB0DUL@...
----- Original Message -----
From: lhlousek
To: FT100@yahoogroups.com
Sent: Sunday, May 19, 2002 3:45 PM
Subject: Re: [FT100] FT-897 and new ATAS-120 at Dayton

I just got back from Dayton.

I guess of most interest to this group is that Yaesu introduced a new ATAS, the ATAS-120. It's 20% faster than the
ATAS-100, has a rigid sliding coil cover instead of the bellows (similar to big screwdrivers), and a few minor cosmetic
differences. Chip Margelli said it is otherwise identical to the ATAS-100.

The FT-897 is better looking in person than in the photos (but not a lot). It looks like as if it is intended to have a
quasi-military/industrial appearance. Power is 100W through 6 meters, 50 on 2 meters and 20 on 70cm. There is a big
handle on the side and it can have either an internal power supply or two NiMH batteries installed. Size is 7.9 x 3.2 x
10.3 inches...much bigger and heftier than the FT100. Basic feature set look very similar to the FT100 except the front
panel is not removable and it has a CW training feature (???). Chip talked about using it mainly for field/portable ops
or as a manpack and said that he expects it to have performance similar to that of the FT100. Overall, nothing to get
too excited about unless you happen to be into that sort of thing.

They also showed a new FT8900R FM mobile with 50 Watts on 29/50/144 MHz and 30 on 430 MHz, dual RX, and full duplex
capable.

FT100Ds were $559 and ATAS-100s were $219 at the show.

Many hams in attendance were already sporting metalic VX-7s with their strobes flashing. Very chic.

Lou W7DZN

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[Non-text portions of this message have been removed]

# 14268. ATAS 100 Instal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 02:27:39 UTC
From: Rob Hayes
Topic: 14268  Message: 14268

OK, just got the ATAS installed. It tunes fine on everything except 6 meters. Any ideas? I have a really good grounding system on the radio and the antenna mount.

Rob
KC5IMN
Rbhtxk@...

# 14269. Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 03:09:20 UTC
From: n8uvq@juno.com
Topic: 14269  Message: 14269

On the invoice I received with my FT-100, I noticed it's from Vertex Standard. Evidently, Yaesu moved. The address is 10900 Walker St. Cypress, CA 90630-5013. Their phone number is 714.827.7600.

Hope this helps

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

_____
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# 14270. Fwd: [FT897] FT-897 Data Sheet from Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 06:44:14 UTC
From: frankweiss@aol.com
Topic: 14270  Message: 14270

[Non-text portions of this message have been removed]

# 14271. Re: [FT100] Fwd: [FT897] FT-897 Data Sheet from Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 06:47:00 UTC
From: frankweiss@aol.com
Topic: 14270  Message: 14271

Sorry, the info below got cut off in my last message. Here it is from someone at Dayton

Frank K6FCW

==

I have posted the data sheet Yaesu was handing out in Dayton (see the Files Section). After playing with it a little while, I think it is going to be yet another winner for the amateur community and Yaesu.

As already mentioned, Yaesu plans to start delivery in July in the US and the price is yet to be set. All they are saying is it is their best guess that the price will be in the $1000 to $1500 range. My guess is $1350.

This will be the first rig that will cover the new 5 MHz band. They held back introduction a little to get the FT-897 certified for this band too. This is in process I understand. Glad they are doing it.

And yes, it will receive on the WX frequencies!

There are sockets for both the CW and the SSB filters. Note that the brochure cites a 500-Hz Collins 12-pole CW filter. No way. It is the standard 7-pole filter. A similar error was on the FT-817 ads for a while citing a 10-pole CW filter. Yaesu quickly corrected it. The SSB is 2.3 kHz and is surely the standard 10-pole Collins filter. Both filters are FB.

The 897 holds to battery packs internally. Each is 4.7 Ah NiMH (my guess is that the packs use 4/3 C cells). You might note that there are BATT-A and BAT-B buttons on the front panels. This allows you to include one pack or two packs, and to select with one you want to use. You can also be using one while charging the other.

Instead of the battery pack(s), you may install an AC supply rather than using an external supply.

I didn't get an answer to an obvious question, which was if the FT-897 shuts down the high-power PA when operating on batteries and just used the driver PA. This would be like the K2-100 approach.

There will be a new antenna tuner designated FC-30 for use with the FT-897. I found out that it will also work with the FC-20.

The display offers a lot of colors to select from for various applications. You can designate a color to, say, a specific band-mode combination. You may do odd things like have signal strength be

related to color. Imagine a signal report of 4 by orange. ??? :-)

The DSP is audio.

Can hardly wait to have one of my own! It will fit nicely in between my FT-100D and FT-847 applications.

73 de Barry - W4WB

[Non-text portions of this message have been removed]

# 14272. FT-100D Memory Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 07:32:48 UTC
From: radiotube321
Topic: 14272  Message: 14272

When I hit VFO/MEM button to switch into memory bank 1 (MG1) I have a problem. After switching to memory mode, I attempt to change channels using the SELECT knob. The effect is that I can sometimes change a few channels, but it always jumps into MT (Memory Tune) even though I do nothing. I don't touch the dial, hit any buttons, etc. It simply jumps into MT while I'm trying to change to a distant memory slot using the select knob. At most, I can move by three or four slots before going into MT. Is there anyway to fix this?
-KG6AZK

# 14273. Re: [FT100] FT-100D Memory Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 12:58:07 UTC
From: A V Flinsch
Topic: 14272  Message: 14273

On Monday 20 May 2002 03:32 am, you wrote:
> When I hit VFO/MEM button to switch into memory bank 1 (MG1) I have a
> problem. After switching to memory mode, I attempt to change channels
> using the SELECT knob. The effect is that I can sometimes change a few
> channels, but it always jumps into MT (Memory Tune) even though I do
> nothing. I don't touch the dial, hit any buttons, etc. It simply jumps
> into MT while I'm trying to change to a distant memory slot using the
> select knob. At most, I can move by three or four slots before going
> into MT. Is there anyway to fix this?
> -KG6AZK

You are in the mode which only displays the programmed memory channels.
Hit the step button and all should be ok

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14274. Re: FT-897 and new ATAS-120 at Dayton

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 13:48:29 UTC
From: ft100guy
Topic: 14264  Message: 14274

> 
> The FT-897 is better looking in person than in the photos (but not a lot). It looks like as if it is intended to have a
> quasi-military/industrial appearance. Power is 100W through 6 meters, 50 on 2 meters and 20 on 70cm. There is a big
> handle on the side and it can have either an internal power supply or two NiMH batteries installed. Size is 7.9 x 3.2 x
> 10.3 inches...much bigger and heftier than the FT100. Basic feature set look very similar to the FT100 except the front
> panel is not removable and it has a CW training feature (???). Chip talked about using it mainly for field/portable ops
> or as a manpack and said that he expects it to have performance similar to that of the FT100. Overall, nothing to get
> too excited about unless you happen to be into that sort of thing.

You forgot to list the options..

FTSTKR-01 Sticker for the top of the radio with address for return/repair.
FC20B New tuner that matches even worse than the FC-20
FTF-52 Vornado cooling (oscillating) fan option for VHF/UHF final
FTM-97 Muffled mic option
FTMU-11 Memory upgrade, now you can enter 1000 memories by hand instead of 300!
FTCT-987 Self install kit including copper tape and 5 ground straps.
FTFNL-22B Replacement UHF/VHF final board with include T-10 torx screwdriver and flip open replacement bottom cover for easy final replacement.
FTVB-10 Voice board with 10 of your favorite customer service sayings including:

1. Gee thats a new one on us!
2. Send it in for repair.
3. Sorry must be your antenna.
4. What final problem?
5. Never heard that one before..
6. You are the first to complain..

# 14275. Re: FT-897

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 13:58:39 UTC
From: ft100guy
Topic: 9628  Message: 14275

--- In FT100@y..., "w4wb" <w4wb@a...> wrote:
> --- In FT100@y..., Gary Mitchelson <n3jpu@c...> wrote:
> > Good, at least more than myself think this is one ugly rig!
>
> Ugly is TenTec ... homebrew looks better.

I love Ten Tecs.. Dont go there!! :-) They look much nicer in person and even if you dont like the looks they are awesome radios. I am awaiting the Orion series, I dumped my Omni 6 plus once I heard the new one was in the making. Regards.. Richy N2ZD

# 14276. AW: [FT100] Re: Confusion with serial number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 15:38:24 UTC
From: Markus.Homma@t-online.de
Topic: 14217  Message: 14276

> -----Ursprungliche Nachricht-----
> Von: backhoefade [mailto:cgarner@...]
> Gesendet: Freitag, 17. Mai 2002 19:30
> An: FT100@yahoogroups.com
> Betreff: [FT100] Re: Confusion with serial number
>
>
> I have mentioned several times that you can't rely on the date code.
> It's "inaccurate".
> If I were going to buy a new FT-100D through mail order I would just
> bite the bullet and assume that I would be sending it in for the two
> mods....

Hi Chas,

thanks for the reply.
Dayton changed my decision and i wait until the new 897
will hit the market in europe.
Think that this new rig is the right one for me.
But we have to wait what bugs this radio have and if it
is a good performer.

vy 73'S
DL1EIO

# 14277. less rx gain below 140Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 15:55:28 UTC
From: unit175
Topic: 14277  Message: 14277

Hi FT100 users,

My FT100 serialno 9Hxxxxx seems to have less) rx below 140Mhz.
While tuning in to the airband you can hear the difference between
140.000 and 139.999( audio becomes softer)only copy stong stations!

Anyone recognised this problem?

Hans

# 14278. RE: FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 16:21:43 UTC
From: emoxon@alum.mit.edu
Topic: 14209  Message: 14278

Hi Bruce.

There is also a rotary encoder behind the selector knob. It is basically a 2-pole switch utilizing metal-to-metal sliding contacts. The contacts can exhibit chatter (noise) during rotation, made worse with wear, oxidation, etc. as the part ages. The pulses from the encoder need interpretation, like Eric says, and when they're noisy things get confused. The result is that you don't get one proper selector step per detent. While you're turning it, It can appear that the selection is jumpy, or the knob goes backwards.

This has come up before on the reflector - folks have had it replaced or taken it apart and repaired it - so this may be what they took care of for you. The main dial isn't based on sliding metal contacts and should be inherently much more reliable.

Had you noticed any funny business with either?

73, Ed, K1GGI

> Date: Fri, 17 May 2002 18:27:22 +1000
> From: "Eric van de Weyer" <eric@...>
> Subject: RE: FT-100 back from Modsville!
>
> Hi Bruce,
>
> the rotary encoder is how the main tuning dial interfaces with the radio.
> It
> probably consists of a disk with cut-outs which is rotated between a light
> source and some photocells, probably all IR. The pulses generated as the
> dial is rotated are fed to the processor which determines speed and
> direction of rotation.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: box542 [mailto:box542@...]
> Sent: Friday, May 17, 2002 8:28 AM
> To: FT100@yahoogroups.com
> Subject: [FT100] FT-100 back from Modsville!
>
>
>
> Greetings!
>
> Just received my FT-100 today from Yaesu.
>
> Radio was sent in for the FAN & HI SWR mod. It was received on
> 2/26/02, sat until 4/26/02, and was completed on 4/30/02! Yaesu

> called me on May 3 to inform me the radio was completed and awaiting
> payment info. I called them on Monday, May 6, and they said it would
> ship on May 8.
>
> My question... What the heck is the rotary encoder? On the Work
> Order, there's a comment by the Tech, that the ROTARY ENCODER on the
> display unit was replaced. Charge was $6.01 for the part. The
> mod(s) and a complete checkup was $76.01
>
> I'll pull the bottom cover off later to see what was done!!
>
> 73
>
> Bruce
>

# 14279. RE: [FT100] ATAS 100 Instal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 17:44:23 UTC
From: Jesse
Topic: 14268  Message: 14279

remove some ground...

I have been trying to prove this theory of TOO MUCH GND. So far as many times as I prove it no one believes me that you can have too much ground. When you have all your grounds removed and it didn't fix it, then you may try shortening your ground lengths.

-----Original Message-----
From: Rob Hayes [mailto:rbhtxk@...]
Sent: Sunday, May 19, 2002 9:28 PM
To: FT100 Groups
Subject: [FT100] ATAS 100 Instal

OK, just got the ATAS installed. It tunes fine on everything except 6 meters. Any ideas? I have a really good grounding system on the radio and
the antenna mount.

Rob
KC5IMN
Rbhtxk@...

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[Non-text portions of this message have been removed]

# 14280. PSK and Packet

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 17:48:16 UTC
From: ke2de
Topic: 14280  Message: 14280

Hello,

I am interested in connecting my FT100D to run PSK and Packet. IS the Rascal the easiest and most reliable or is the Rig Blaster much better. If you could include your reasons I would appreciate it.

Also, are their any settings or hidden setup for the FT100D I should be aware of.

Thanks,
Earl
KE2DE

# 14281. Remembering the WORLD in World Wide Web

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 18:27:00 UTC
From: k9jk
Topic: 14250  Message: 14281

Probably a lesson for all of us to remember that this is the WORLD-
WIDE Web and perhaps to NOT be 'home country'-centric. 73, JK

--- In FT100@y..., "Eric van de Weyer" <eric@v...> wrote:
> Thanks, Cliff, thought it had to be someone like that.
>
> 73....Eric VK2KUR
> -----Original Message-----
> From: Cliff Bryant [mailto:CliffB@n...]
> Sent: Sunday, 19 May 2002 22:09
> To: FT100@y...
> Subject: RE: [FT100] Pirate Mods & Repair a Success!
>
>
> Riley Hollingsworth
>
> US FCC Special Counsel for Amateur Radio Enforcement.
>
> (From a Ham Convention poster)
>
> > type of individual is NOT helping the Amateur Service to
look good.
> And
> > yes, Riley IS listening.
>
> OK, I'll bite, who or what the hell is Riley?
>
> 73....Eric VK2KUR
>
>
>
>

# 14282. Re: [FT100] PSK and Packet

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 18:33:04 UTC
From: A V Flinsch
Topic: 14280  Message: 14282

On Monday 20 May 2002 01:48 pm, you wrote:
> Hello,
>
> I am interested in connecting my FT100D to run PSK and Packet. IS the
> Rascal the easiest and most reliable or is the Rig Blaster much
> better. If you could include your reasons I would appreciate it.
>

Don't know about the RigBlaster, but I am using the Rascal and it is real
easy to use. I just plugged everything in and it worked.

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14283. Re: [FT100] less rx gain below 140Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 18:39:24 UTC
From: Mike May
Topic: 14277  Message: 14283

When you tune below 140 MHZ and above175 MHz the radio switches to a different preamp so you no longer are using the dual stage SGM2016 mesfet preamps (Q1004 and Q1011) but instead a single 2sc3356 bipolar stage(Q1008) which has a worse noise figure and lower overall gain. The same applies for the UHF range when below 420 Mhz and above 470 the same bipolar stage is used as the receiver preamp.

Mike
WB8VLC/7 Prescott, AZ.
unit175 wrote:

> Hi FT100 users,
>
> My FT100 serialno 9Hxxxxx seems to have less) rx below 140Mhz.
> While tuning in to the airband you can hear the difference between
> 140.000 and 139.999( audio becomes softer)only copy stong stations!
>
> Anyone recognised this problem?
>
> Hans
>
>
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[Non-text portions of this message have been removed]

# 14286. Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 20:54:49 UTC
From: Robin Alexander
Topic: 14286  Message: 14286

Hi,

Question regarding the ATAS-100 - I noticed today that while driving home and on RX, on 20M I got a Intermittant noise level (difficult to describe but sounds like a fast pulsing) which seemed to co-incide with the ATAS-100 shaking from side to side, as observed in my rear view mirror. When I got home I did a couple of experiments and found I could achieve the same affect when mildly shaking the antenna.

So, I moved up to bottom of the rubber boot until the coil was exposed and it seems like the "Contact Frange" (according to the mechanical drawing), i.e the piece at the top of the outer tube, was loose. Is it supposed to be like that? - even though the retaining screws are tight? by putting the antenna back on and wiggling this top piece the RX was intermittent again.

So my First question is : Has anyone else experienced this (note antenna still seems to tune OK) - though this may help explain an intermittant HiSWR problem I have when mobile.

My second question is : Assuming this is a return to Yaesu, Has anyone returned their ATAS-100 before? Was the turn around time the std 6 weeks?

Third question : Since I need to get the Fan and Hi SWR mods done, and both are still in warranty, looks like the best thing to do is to return the whole lot together, how is the best way to ship them and ensure that they get attention together?

Thanks

Robin
W7YED/GM4YED

P.S I read posting 7222 and it scared me into not trying to fix this myself!!!

# 14287. Unified Microsystems W9XT Band Decoder

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-20 22:08:57 UTC
From: KB4IDC
Topic: 14287  Message: 14287

Does anyone on the list have any experience with the Unified Microsystems W9XT Band Decoder & the FT-100D? I'm particularly interested in using the board to switch antennas for the VHF+ bands on the 100D if the board can be adapted.

http://www.amateurradioproducts.com/antdecoder.html
Thanks,
Robin Midgett KB4IDC

# 14288. Interface to LDG AT-11MP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 00:08:14 UTC
From: kb7ntl
Topic: 14288  Message: 14288

Has anyone built a working interface to the AT-11MP tuner yet? Seems like it wouldn't be a real problem, except I am hesitant to do it myself for fear of putting bad voltages to the radio or tuner. They built them for Alinco and Icom but of course not for this rig. Why I don't know. Perhaps buyers of those rigs are big spenders. Beats me..
hi hi.
Curious. The tuner is supposed to outperform a FC-20, but it would be nice if the tuning followed my moving up and down the band.
Replies are appreciated.
73, Kevin K6NTL

# 14289. Re: PSK and Packet

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 00:13:34 UTC
From: kb7ntl
Topic: 14280  Message: 14289

FYI: The rascal FTDIN model for the FT-100 is on sale this month for 39.95 . Tex "BUX" off. Assembled.
Mine works good on my FT890. If I can't make a pass through adapter, then I will definitely get another. If you use the rigblaster, you will also need a mic adapter. So much for using the mic. The adapter for the mic probably costs as much as a rascal kit. Use the rascal. No external power is a plus mobile or portable too.
73 Kevin

--- In FT100@y..., "ke2de" <earl@s...> wrote:
> Hello,
>
> I am interested in connecting my FT100D to run PSK and Packet. IS the
> Rascal the easiest and most reliable or is the Rig Blaster much
> better. If you could include your reasons I would appreciate it.
>
> Also, are their any settings or hidden setup for the FT100D I should
> be aware of.
>
> Thanks,
> Earl
> KE2DE

# 14290. RE: [FT100] Interface to LDG AT-11MP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 00:15:22 UTC
From: Gary Mitchelson
Topic: 14288  Message: 14290

If you have a D of the 100 version the W4RT On Touch Tune should do the job. The LDG's will retune automatically if the SWR gets above 1.5:1 (I think that the point).
The LDG will out perform any ATU from Icom or Yaesu.

-----Original Message-----
From: kb7ntl [mailto:kb7ntl@...]
Sent: Tuesday, May 21, 2002 00:08
To: FT100@yahoogroups.com
Subject: [FT100] Interface to LDG AT-11MP

Has anyone built a working interface to the AT-11MP tuner yet? Seems like it wouldn't be a real problem, except I am hesitant to do it myself for fear of putting bad voltages to the radio or tuner. They built them for Alinco and Icom but of course not for this rig. Why I don't know. Perhaps buyers of those rigs are big spenders. Beats me..
hi hi.
Curious. The tuner is supposed to outperform a FC-20, but it would be nice if the tuning followed my moving up and down the band.
Replies are appreciated.
73, Kevin K6NTL

# 14291. Re: [FT100] Yaesu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 01:57:04 UTC
From: Dick Thompson
Topic: 14269  Message: 14291

Thanks for little tid bit of info, Mark. I had their new phone number but no their new address. They moved about a month or so ago. They're still using the excuse that they are running behind on everything because of the move. A bunch of BS, but what can we do about it?

73,

Dick
WB0DUL@...
----- Original Message -----
From: n8uvq@...
To: yaesu@...
Cc: ft100@yahoogroups.com
Sent: Sunday, May 19, 2002 9:09 PM
Subject: [FT100] Yaesu

On the invoice I received with my FT-100, I noticed it's from Vertex
Standard. Evidently, Yaesu moved. The address is 10900 Walker St.
Cypress, CA 90630-5013. Their phone number is 714.827.7600.

Hope this helps

-
**********
****
Mark
- N8UVQ - e-mail: N8UVQ@...
**********
****

---------------------------------------------------------------------
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[Non-text portions of this message have been removed]

# 14292. New 5m freq?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 05:51:08 UTC
From: cherokeeguy777@aol.com
Topic: 14292  Message: 14292

I' ve been real busy with work and some other things lately. What's this talk about the 5m band?

# 14293. Re: Interface to LDG AT-11MP

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 06:31:41 UTC
From: w4wb
Topic: 14288  Message: 14293

We build the One Touch Tune (OTT) module for the FT-100D. At Dayton, a fellow lugged his FT-100 across the country just to be sure the OTT would not work with his rig. Happily, it worked just fine with his FT-100 (not D).

We will allow FT-100 users to order the One Touch Tune to try with their FT-100. If it doesn't work with yours, then send it back. All you will be out is the postage. The OTT works great with the LDG AT-11MP or RT-11, or with any other tuner (manual or automatic). Price is $69.95. With it installed, all you have to do to tune is press the tune button on LDG tuner (or a button on a supplied cable if you want to manually generate a carier at the touch of a button).

Gary is correct that you can put the AT-11MP (RT-11) into the autotune mode and it will tune whenever the SWR is > than about 3:1 (no touch tune) and will get it SWR back to < 1.5.

See www.w4rt.com for more information and to order. Also you may order from GigaParts www.gigaparts.com.

73 de Barry - W4WB
W4RT Electronics

--- In FT100@y..., Gary Mitchelson <n3jpu@c...> wrote:
> If you have a D of the 100 version the W4RT On Touch Tune should do the
> job. The LDG's will retune automatically if the SWR gets above 1.5:1 (I
> think that the point).
> The LDG will out perform any ATU from Icom or Yaesu.
>
> -----Original Message-----
> From: kb7ntl [mailto:kb7ntl@y...]
> Sent: Tuesday, May 21, 2002 00:08
> To: FT100@y...
> Subject: [FT100] Interface to LDG AT-11MP
>
>
> Has anyone built a working interface to the AT-11MP tuner yet? Seems
> like it wouldn't be a real problem, except I am hesitant to do it
> myself for fear of putting bad voltages to the radio or tuner. They
> built them for Alinco and Icom but of course not for this rig. Why I
> don't know. Perhaps buyers of those rigs are big spenders. Beats me..

> hi hi.
> Curious. The tuner is supposed to outperform a FC-20, but it would
be
> nice if the tuning followed my moving up and down the band.
> Replies are appreciated.
> 73, Kevin K6NTL

# 14294. Have you seen????

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 08:08:20 UTC
From: zegoptyltd
Topic: 14294  Message: 14294

Hey Guy's

Have you all seen the following Yaesu FT-8900R Quad bander???

http://www.universal-radio.com/catalog/fm_txvrs/0890.html

Wonder if the ATAS will work on it?

Any comments fellas?

Scott Evans
ZEGO Pty Limited
www.zego.com.au
scott@...
VK2MEG

# 14295. Re: less rx gain below 140Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 09:15:52 UTC
From: unit175
Topic: 14277  Message: 14295

Hi Mike,

Thank you for your reply....so in order to listen to the airband
I,ve to use my $100 scanner (with better reception)!!
I don't know why the guys at YAESU did this, proberly to save a
little money or tried to avoid interference on the HAM bands.
At any rate there no solution as I understand from your e-mail

Best 73
Hans PD0RXG

--- In FT100@y..., Mike May <mike.may@w...> wrote:
> When you tune below 140 MHZ and above175 MHz the radio switches to a
> different preamp so you no longer are using the dual stage SGM2016
> mesfet preamps (Q1004 and Q1011) but instead a single 2sc3356
bipolar
> stage(Q1008) which has a worse noise figure and lower overall gain.
The
> same applies for the UHF range when below 420 Mhz and above 470 the
same
> bipolar stage is used as the receiver preamp.
>
>
> Mike
> WB8VLC/7 Prescott, AZ.
> unit175 wrote:
>

# 14296. RE: [FT100] New 5m freq?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 11:37:25 UTC
From: Gary Mitchelson
Topic: 14292  Message: 14296

Wasn't the 5M band lost a long, long time ago?

Seriously I assume you mean the 5 Mhz (60M) band, check out the info at
www.arrl.org

-----Original Message-----
From: cherokeeguy777@... [mailto:cherokeeguy777@...]
Sent: Tuesday, May 21, 2002 01:51
To: FT100@yahoogroups.com
Subject: [FT100] New 5m freq?

I' ve been real busy with work and some other things lately. What's this
talk
about the 5m band?

# 14297. Re: Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 14:04:54 UTC
From: w1pa
Topic: 14286  Message: 14297

--- In FT100@y..., "Robin Alexander" <robin@t...> wrote:
> Hi,
>
> Question regarding the ATAS-100 - I noticed today that while driving home
> and on RX, on 20M I got a Intermittant noise level (difficult to describe
> but sounds like a fast pulsing) which seemed to co-incide with the ATAS-100
> shaking from side to side, as observed in my rear view mirror. When I got
> home I did a couple of experiments and found I could achieve the same affect
> when mildly shaking the antenna.
>
> So, I moved up to bottom of the rubber boot until the coil was exposed and
> it seems like the "Contact Frange" (according to the mechanical drawing),
> i.e the piece at the top of the outer tube, was loose. Is it supposed to be
> like that? - even though the retaining screws are tight? by putting the
> antenna back on and wiggling this top piece the RX was intermittent again.
>
> So my First question is : Has anyone else experienced this (note antenna
> still seems to tune OK) - though this may help explain an intermittant HiSWR
> problem I have when mobile.
>

Happens all the time. Remove the two screws that hold both of the metal tabs on the ring (careful of the ball bearings under them... don't lose them). Remove the two metal tabs, and bend the ends more to add tension to the ball bearings. Screw them back on.... off you go.

Bill
W1PA

# 14298. Re: [FT100] Re: less rx gain below 140Mhz

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 15:39:39 UTC
From: Mike May
Topic: 14277  Message: 14298

You are correct on saving money and passing it along to the buyer. It has to do with the availability of the helical resonators, off the shelf ones are available for the 138 to 174 and 420 to 470 bands easily but beyond this they have to be specially made IE more expensive.

You shouldn't have to poor of sensitivity in the AM comm band or down in the 403 to 420 FM band, if you have a generator then measure your 10dB AM S/N or FM sinad ratio and see what it is, mine is about .7 Uv AM and .45 FM sinad in the 118 to 140 and 403 to 420 bands. I did have one problem where the preamp, Q1008, died twice on me due to what I think was RF getting back into the VHF/UHF receive port. The ham band mesfets used for 140 to170 and 420 to 474 MHz use narrow bandwidth varactor tuned circuits so they don't seem to be succeptable to RF damage but Q1008 is a wideband unfiltered circuit and it seems to get killed more so, at least in my case. The second time it died I put a protection diode on the input and so far it has been working without any problems. If you measure a sensitivity around -90 to -95 dBm at say 130MHZ in AM or you could also do it in FM mode, then I'd bet that Q1008 is dead in your radio.

Mike

unit175 wrote:

> Hi Mike,
>
> Thank you for your reply....so in order to listen to the airband
> I,ve to use my $100 scanner (with better reception)!!
> I don't know why the guys at YAESU did this, proberly to save a
> little money or tried to avoid interference on the HAM bands.
> At any rate there no solution as I understand from your e-mail
>
>
> Best 73
> Hans PD0RXG
>
>
> --- In FT100@y..., Mike May <mike.may@w...> wrote:
> > When you tune below 140 MHZ and above175 MHz the radio switches to a
>
> > different preamp so you no longer are using the dual stage SGM2016
> > mesfet preamps (Q1004 and Q1011) but instead a single 2sc3356
> bipolar
> > stage(Q1008) which has a worse noise figure and lower overall gain.
> The
> > same applies for the UHF range when below 420 Mhz and above 470 the

> same
> > bipolar stage is used as the receiver preamp.
> >
> >
> > Mike
> > WB8VLC/7 Prescott, AZ.
> > unit175 wrote:
> >
>
>
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# 14299. Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 16:16:45 UTC
From: ag4px
Topic: 14299  Message: 14299

I am having a problem with hooking up my Sure high ball mic.
Normally all you have to do is hook up PTT and Ground, but that
doesn't work with the FT-100D.
Anyone ever hooked up any other mic's to this radio ??

# 14300. Re: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 17:05:25 UTC
From: Einar Carlsen
Topic: 14300  Message: 14300

To find the connections necessary to connect a different mike to the FT-100, go to WWW.MODS.dk and click on Yaesu, then go to FT100. You will find the mike connection circuitry etc. It is not quite the same as some rigs. You cannot just hook a mike in like on some rigs. Good luck.

VE7BAQ

----- Original Message -----
From: ag4px
To: FT100@yahoogroups.com
Sent: Tuesday, May 21, 2002 9:16 AM
Subject: [FT100] Studio Microphone

I am having a problem with hooking up my Sure high ball mic.
Normally all you have to do is hook up PTT and Ground, but that
doesn't work with the FT-100D.
Anyone ever hooked up any other mic's to this radio ??

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# 14301. F Menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 17:35:13 UTC
From: ag4px
Topic: 14301  Message: 14301

Does anyone have any info on the F menu's ?
Like what what they are what is the best settings ect..ect..
73 de ag4px

# 14302. RE: [FT100] Re: Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 17:57:15 UTC
From: Bill Scurlock
Topic: 14286  Message: 14302

Yes, I went thru two ATAS100 antennas. The factory tried to fix, but couldn't. I returned them for Brand "X" and have been happily working DX ever since. Good Luck. 73, Bill
-----Original Message-----
From: w1pa [mailto:w1pa@...]
Sent: Tuesday, May 21, 2002 9:05 AM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Is my ATAS-100 Broken?

--- In FT100@y..., "Robin Alexander" <robin@t...> wrote:
> Hi,
>
> Question regarding the ATAS-100 - I noticed today that while driving home
> and on RX, on 20M I got a Intermittant noise level (difficult to describe
> but sounds like a fast pulsing) which seemed to co-incide with the ATAS-100
> shaking from side to side, as observed in my rear view mirror. When I got
> home I did a couple of experiments and found I could achieve the same affect
> when mildly shaking the antenna.
>
> So, I moved up to bottom of the rubber boot until the coil was exposed and
> it seems like the "Contact Frange" (according to the mechanical drawing),
> i.e the piece at the top of the outer tube, was loose. Is it supposed to be
> like that? - even though the retaining screws are tight? by putting the
> antenna back on and wiggling this top piece the RX was intermittent again.
>
> So my First question is : Has anyone else experienced this (note antenna
> still seems to tune OK) - though this may help explain an intermittant HiSWR
> problem I have when mobile.
>

Happens all the time. Remove the two screws that hold both of the metal tabs on the ring (careful of the ball bearings under them... don't lose them). Remove the two metal tabs, and bend the ends more

to add tension to the ball bearings. Screw them back on.... off you go.

Bill
W1PA

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# 14303. Re: Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 20:45:37 UTC
From: ag4px
Topic: 14286  Message: 14303

I agree !
Yaesu needs to stick with radios and leave the antenna building up to someone else.
I had a ATAS 100 for almost a year and had to send it back twice.
I opt'ed instead for a Por Am Valor fiberglass whip one for each band along with the FC-20 auto tuner.

73 de AG4PX

# 14304. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 20:51:17 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14304

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /Modifications/FT100settings.htm
Uploaded by : ag4px <ag4px@...>
Description : Hidden Function Settings

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/Modifications/FT100settings.htm

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ag4px <ag4px@...>

# 14305. Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 22:04:30 UTC
From: Bill Reid- VE3VWD
Topic: 14305  Message: 14305

While in Dayton last weekend , I spent a fair bit of time at the Yaesu booth chatting with the different reps especially the cute blond from the UK.

I brought up the topic of customer service and that many felt that it was poor if not disgusting , especially the turn around time on repairs, not having proper contact with the customer , etc.

Several told me the same thing , that Japan controls the company and that they have finally recognized that customers were upset with their customer service. They were told by Japan how many techs they could have on staff. With the large volume of sales after buying out Standard came larger volumes of repairs. But with Japans economy in disrepair they were not willing to spend the money to hire more techs, the move just complicated things. Japan has now relented and has approved the money to upgrade all facets of the service area.

In the very near future they will be changing their servicing procedure. He describe several but my memory fails me on exactly what they were. I believe that they will notify you when the unit is received and tell you when a tech will look at it. Then when it is ready they will contact you for approval for repairs with an estimate or repair it if under warranty. They are looking for a 2 week turn around.

They sound positive , but as with most of you..... I will believe it when I see it !

I was really impressed with the hand held radio VX-7R , it sure is waterproof for those that saw it ! May trade in my VX-5R for it ...

Bill Reid
VE3VWD

# 14306. Re: [FT100] Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-21 23:33:25 UTC
From: W6MDK@AOL.COM
Topic: 14305  Message: 14306

THus far I am extremely happy with my 100D. Fortunately, I have not had to avail myself of Yaesu's service department which, from what I read, is a horror show. What amazes me is that Icom's turnaround time is, from what I read, measured in days, as opposed to Yaesu's, which is measured in generations or Elephant Gestation Periods. Perhaps Yaesu should consult with Icom and emulate the latter's organization and policies.

It is indeed unfortunate that a company can put out a great product, but fail because of poor service. I hope that is not the fate of Yaesu.

# 14307. Satellite Control Software for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 04:07:54 UTC
From: radiotube321
Topic: 14307  Message: 14307

Hello, I am not aware of any FT-100/D satellite control / tracking software.

If there is not any available, I would like to write a Linux CAT program that provides all available FT-100/D features, as well as automatic satelite features.

The satelite features would include:
1. RX doppler correction
2. TX Doppler correction
3. Automatic modification of VFO A / B in split mode
4. Adjustable settings for #1 and #2
5. Ability to specifify the time window so that you know how much time you have left on a progress bar.

Now, in order to accomplish this, a couple methods could be taken. The first method:
1. All interfacing could be done via the DATA jack. Thus, you hook your speaker and microphone up to the computer, and the radio keys the PTT and sends your audio to the FT-100. The advantage of this is that the software would automatically switch to VFO B, set the right frequency with doppler shift added in, and then key the PTT. You could make a simple PTT switch by hooking it up to the parallel port and putting 5v DC through it.So essentially, you are just letting the computer know when you plan to PTT so that it can take care of the transmit details.

2. The second method, which would be easier, would be to continuously change the receive VFO, and change the transmit VFO at descreat intervals. The hope is that the transmit VFO is corrected enough that you won't be distorted on the satelite. The problem with this is that there would be momentary "hickups" in the audio when the software switches to the transmit VFO to modify it. My guess is that it might take only 100ms to go from VFO A to B and change frequency and back.

Theoretically, this could be done in a absolute minimum of 1/40th of a second, assuming a standard link speed of 4800 bits per second. However, I think the absolute minimum you might get in the real world is probably three times as slow. So lets say .075 of a second. That is not even 100ms. I don't think you would notice that. So option two is probably the best choice.

Let me know what you guys think.

# 14308. Re: [FT100] Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 04:35:28 UTC
From: Dick Thompson
Topic: 14305  Message: 14308

Mike, I agree with what you say. Maybe someday Yaesu will get their act together. At present they are blaming the delays on their move to a new location. I wonder how long it will be before that excuse runs the gamit and they have to come up with a new one.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Tuesday, May 21, 2002 5:33 PM
Subject: Re: [FT100] Yaesu Service Changes

THus far I am extremely happy with my 100D. Fortunately, I have not had to avail myself of Yaesu's service department which, from what I read, is a horror show. What amazes me is that Icom's turnaround time is, from what I read, measured in days, as opposed to Yaesu's, which is measured in generations or Elephant Gestation Periods. Perhaps Yaesu should consult with Icom and emulate the latter's organization and policies.

It is indeed unfortunate that a company can put out a great product, but fail because of poor service. I hope that is not the fate of Yaesu.

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# 14309. Re: [FT100] Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 04:38:27 UTC
From: Dick Thompson
Topic: 14305  Message: 14309

Bill, like you "I'll believe it when I see it." Once a company gets a reputation of poor service, it takes a long time to recover from that. I hope they weren't blowing smoke up (oh well, you know what I mean).

Was she really? did you get a picture for all of us?

73,

Dick
WB0DUL@...
----- Original Message -----
From: Bill Reid- VE3VWD
To: FT100 Yahoo Groups
Sent: Tuesday, May 21, 2002 4:04 PM
Subject: [FT100] Yaesu Service Changes

While in Dayton last weekend , I spent a fair bit of time at the Yaesu booth chatting with the different reps especially the cute blond from the UK.

I brought up the topic of customer service and that many felt that it was poor if not disgusting , especially the turn around time on repairs, not having proper contact with the customer , etc.

Several told me the same thing , that Japan controls the company and that they have finally recognized that customers were upset with their customer service. They were told by Japan how many techs they could have on staff. With the large volume of sales after buying out Standard came larger volumes of repairs. But with Japans economy in disrepair they were not willing to spend the money to hire more techs, the move just complicated things. Japan has now relented and has approved the money to upgrade all facets of the service area.

In the very near future they will be changing their servicing procedure. He describe several but my memory fails me on exactly what they were. I believe that they will notify you when the unit is received and tell you when a tech will look at it. Then when it is ready they will contact you for approval for repairs with an estimate or repair it if under warranty. They are looking for a 2 week turn around.

They sound positive , but as with most of you..... I will believe it when I see it !

I was really impressed with the hand held radio VX-7R , it sure is waterproof for those that saw it ! May trade in my VX-5R for it ...

Bill Reid
VE3VWD

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[Non-text portions of this message have been removed]

# 14310. Re: [FT100] Re: Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 04:40:44 UTC
From: Dick Thompson
Topic: 14286  Message: 14310

After reading all the problems with the ATAS-100, I decided to continue using my Hamstic/Hamstick look alikes for mobile use and on my RV. Sure you have to go out to change bands, but you don't have to keep wondering if they will work the next time you need it.

I know, lots of folks have had good luck with them. But when there is grief, it seems like BIG grief. Just an opinion, guys.

73,

Dick
WB0DUL@...
----- Original Message -----
From: ag4px
To: FT100@yahoogroups.com
Sent: Tuesday, May 21, 2002 2:45 PM
Subject: [FT100] Re: Is my ATAS-100 Broken?

I agree !
Yaesu needs to stick with radios and leave the antenna building up to
someone else.
I had a ATAS 100 for almost a year and had to send it back twice.
I opt'ed instead for a Por Am Valor fiberglass whip one for each band
along with the FC-20 auto tuner.

73 de AG4PX

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[Non-text portions of this message have been removed]

# 14311. Re: [FT100] Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 05:51:04 UTC
From: W6MDK@AOL.COM
Topic: 14305  Message: 14311

Its far more productive to take responsibility and to actually solve the problem, rather than to target some outside influence. If you think about it, blaming "the move" is little more than a condemnation of their own lack of proper planning. Why should a move cause such problems? It shouldn't, not if the move is executed properly. So that dog don't hunt as far as I'm concerned.

As a manager, I always held myself responsible for the failures - and the successes - of my area. If I had a junior executive who sought to point the finger for problems in his or her area, well, he or she was not around for very much longer.

I'd have far more respect for Yaesu's management if they would simply say "we know we have had a problem in our service area. We are solving it. We apologize for any problems this may have caused. I don't want to hear their excuses.

73,

Mike
W6MDK

[Non-text portions of this message have been removed]

# 14312. Re: [FT100] Re: Is my ATAS-100 Broken?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 05:52:39 UTC
From: W6MDK@AOL.COM
Topic: 14286  Message: 14312

I don't know where all these problems are coming from. I have an ATAS-100, and it is, at least up to now, pretty much flawless (I sure hope I have not now invited a failure of the antenna by making htis comment!)

73,

Mike
W6MDK

# 14313. RE: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 13:03:56 UTC
From: Eric van de Weyer
Topic: 14299  Message: 14313

Here is a copy of a message I sent out a couple of months ago:

seeing that the PTT has been bought up, I will give a short description of how the PTT and other buttons on the microphone work.

The easiest way is as follows:

from the SW1 line draw four resistors in series. the first is 27k, next is 39k, next is 82k and the last is 220k.

Now, from the junctions of each pair of resistors and the end of the string draw a pushbutton switch (normally open) to ground.

The first (junction of 27k and 39k) is PTT, next is DOWN, next is UP and last is ACC.

Now, although there are a couple of transistors involved in the actual circuit in the mic, you can do exactly the same from the SW2 line leaving out the 220k resistor and last push button. On this one, the first is P, the second P1 and the third is P2.

The lock switch works by breaking the ground connection to all except the PTT button. this disables all buttons except the PTT.

In my car, I have installed a boom mic for hands free operation and made up a little box with the switches which is mounted on the gear stick where I can reach it when my hand is on the stick. This box has all the switches on it and only requires 3 wires going to it to give me all button functions. I actually have a centre off button for the PTT with momentary in one direction and locking in the other. The momentary position is always operational but the locking direction is disabled by the lock switch when I lock the other buttons. I then have a piece of thin twin shielded microphone cable (about 1/8" diameter) running down the gear shift and going to a little control box which also houses the preamp I need for the microphone I use (an Icom HS15) as it's output is a bit low for the FT100D. I think that it may be because the mic is quite old. I've had it for about 10 or 12 years and it has been in several cars now. The extension lead for the microphone, which comes with the separation kit, just plugs into the control box and everything works fine. I have adjusted the preamp so the normal mic gain setting in the radio is correct so that way I don't have to change anything when I move the FT100D into my other vehicle where I don't have the boom mic and don't use the separation kit.

This whole setup is very convenient and seems to work fine on both VHF/UHF and HF where I have had several successful contacts into Europe on my way home from work over the last few days. (I am currently using a Terlin Outbacker Juniot Plus antenna but am probably going to order an ATAS-100 in

from New Zealand in a few days (they are not available in Australia, unfortunately).

I hope that the above description is of use to some of you.

73....Eric VK2KUR

-----Original Message-----
From: ag4px [mailto:ag4px@...]
Sent: Wednesday, 22 May 2002 02:17
To: FT100@yahoogroups.com
Subject: [FT100] Studio Microphone

I am having a problem with hooking up my Sure high ball mic.
Normally all you have to do is hook up PTT and Ground, but that doesn't work with the FT-100D.
Anyone ever hooked up any other mic's to this radio ??

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[Non-text portions of this message have been removed]

# 14314. Re: Satellite Control Software for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 13:28:27 UTC
From: w1pa
Topic: 14307  Message: 14314

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> Hello, I am not aware of any FT-100/D satellite control / tracking
> software.
>
> If there is not any available, I would like to write a Linux CAT
> program that provides all available FT-100/D features, as well as
> automatic satelite features.
>

I'm just getting into satellites, but despite all the sophisticated doppler corrections that the software can provide, don't you realy need a radio that can do full duplex (e.g. FT847)? Is the 100D really the rig for this? Can you always put absolute faith in what the software is setting on the radio?

Some sat ops want to chime in here?

Bill
W1PA

# 14315. Re: [FT100] Re: Satellite Control Software for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 13:47:08 UTC
From: Jeff kb2m
Topic: 14307  Message: 14315

This won't really work on any of the bird's except the FM ones. The Doppler shift changes can be done, but on the SSB bird's there is always a little fine tuning done by ear. This can only be done while monitoring your own downlink. I've made some contact's with my FT-100 while mobile on RS-12, as the 10m/2m Doppler correction isn't as severe as the FO bird's. Manual tuning work's fine on the RS bird's as well as the FM sats. The FM birds can be worked by just tuning the d/l, leaving the u/l on center frequency.
Any questions? www.amsat.org is a good place to start.....

73 Jeff kb2m
Is the 100D really the rig for this? Can you always put absolute faith in what the software is setting on the radio?

Some sat ops want to chime in here?

[Non-text portions of this message have been removed]

# 14316. Re: [FT100] Digest Number 1237

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 14:59:35 UTC
From: Pres Waterman
Topic: 14316  Message: 14316

>
> Was she really? did you get a picture for all of us?

Ailsa? Ya, she wasn't bad...

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14317. Re: [FT100] Yaesu Service Changes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 15:17:06 UTC
From: Dick Thompson
Topic: 14305  Message: 14317

You are 100% correct, Mike. I retired from deluxe Check Printing, the largest check printing company in the world. Well, we made 2 major moves while I was with them and never did a customer know we were even making the moves. It was totally transparent to our customers and NEVER caused any delay in services to the customer. Like you said the excuse they are using is only a means of hiding and does not serve them well.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Tuesday, May 21, 2002 11:51 PM
Subject: Re: [FT100] Yaesu Service Changes

Its far more productive to take responsibility and to actually solve the problem, rather than to target some outside influence. If you think about it, blaming "the move" is little more than a condemnation of their own lack of proper planning. Why should a move cause such problems? It shouldn't, not if the move is executed properly. So that dog don't hunt as far as I'm concerned.

As a manager, I always held myself responsible for the failures - and the successes - of my area. If I had a junior executive who sought to point the finger for problems in his or her area, well, he or she was not around for very much longer.

I'd have far more respect for Yaesu's management if they would simply say "we know we have had a problem in our service area. We are solving it. We apologize for any problems this may have caused. I don't want to hear their excuses.

73,

Mike
W6MDK

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14318. Re: [FT100] Digest Number 1237

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 15:26:16 UTC
From: Dick Thompson
Topic: 14316  Message: 14318

Are you two perverts saying that neither of you took a picture to share with the rest of us perverts? Geez, some people's kids...

I guess the best we can hope for is that she's still with Yaesu next year and we'll just have to go see for ourselves.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, May 22, 2002 8:59 AM
Subject: Re: [FT100] Digest Number 1237

>
> Was she really? did you get a picture for all of us?

Ailsa? Ya, she wasn't bad...

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

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[Non-text portions of this message have been removed]

# 14319. mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 15:41:33 UTC
From: backhoefade
Topic: 14319  Message: 14319

What luck have people had using mag mount mobile antennas with the FT-100D ? Mine seemed to work well for about a year after having the Yaesu spurious oscillation mod done but then yesterday I had a lousy experience up on top of Skyline. Drove all the way up there and, at about 2500 feet with a great Bay Area view, I fired up the rig. Got the SWR icon on 40 meters, 20 meters and 10 meters using Hustler whips on a big fat mag mount. I've used this mag mount and Hustler whip combo many times with no trouble. It just looks like the good old "SWR gremlin" creeping back in. So it is likely almost Icom 706 time for me. I did my time and to have this show up again is hugely unacceptable. So unless everybody tells me that they could never use mag mounts with the FT-100D even after having the "official" mod done, I'm outa here. Not a matter of losing faith - rather a matter of responding to my education/experience with this rig.
N6AF Chas

# 14320. Re: F Menu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 15:50:31 UTC
From: backhoefade
Topic: 14301  Message: 14320

Sure - Don't mess with them. They are alignment settings for use during the manufacturing process for the most part. You can really mess the rig up in there.
The only settings I use are F51 which lets you set the carrier level during AM operation, F15 which lets you set the HF output power a bit higher (150 versus 100 Watts - only helpful in AM operation, don't bother in CW or SSB - you'll ruin your finals and get less than half an S unit increase in signal reports), and F(I forgot) which I use when I calibrate my S meter. So my recommendation is don't go there. Except for F51 which you must use to set your unmodulated AM carrier power to 25 Watts, if you run AM.
N6AF Chas

--- In FT100@y..., "ag4px" <ag4px@a...> wrote:
> Does anyone have any info on the F menu's ?
> Like what what they are what is the best settings ect..ect..
> 73 de ag4px

# 14321. Re: [FT100] mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 02:17:54 UTC
From: Paul Manuel
Topic: 14319  Message: 14321

Charles,
Not like you to panic so easily! Check another antenna! Check to see if it is really oscillating! Mobile antennas take a lot of abuse. Did you run a ground strap to your mag mount? Is it still attached? Is there corrosion?

Wouldn't it be unusual (perhaps unprecedented) for the spurious to return after the factory did the mods, and show up on 40 meters, especially?
Examine all the possibilities!
Good luck & 73,
Paul K4PDM
--- backhoefade <cgarner@...> wrote:
> What luck have people had using mag mount mobile antennas with the
> FT-100D ? Mine seemed to work well for about a year after having the
> Yaesu spurious oscillation mod done but then yesterday I had a lousy
> experience up on top of Skyline.

_____
Do You Yahoo!?
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http://launch.yahoo.com

# 14322. Re: New 5m freq?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 02:40:39 UTC
From: radiotube321
Topic: 14292  Message: 14322

I'm pretty sure its the 5 Mhz band, not the 5 meter band. The new FT-897 is suppost to include support for this newly proposed band. However, I don't see why almost all radios, including the FT-100, could not be modified to transmit on the 5Mhz band.

--- In FT100@y..., cherokeeguy777@a... wrote:
> I' ve been real busy with work and some other things lately. What's this talk
> about the 5m band?

# 14323. ATBK100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 04:10:29 UTC
From: mgaraux
Topic: 2771  Message: 14323

I was wondering if anyone has had any experiences with the ATBK100 base kit for the ATAS100 antenna?

Thanks, 73's Mike

# 14324. Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 16:19:19 UTC
From: morganquityesterday
Topic: 14324  Message: 14324

I have taken the advice of many in this group and sent my FT-100D back to Yaesu (Vertex Standard) for the modifications.

The radio has been in my Jeep since about September of '01 and has exhibited none of the problems reported in this group. However, the consensus of opinion seems to be get the radio "repaired" because the problem(s) will happen.

I checked and the warranty expires in August this year so I decided I'd better get this done. It has been reported that Yaesu will do the modifications even out of warranty, but probably would not replace the expensive PAs out of warranty.

Since that radio has been in the Jeep, I have worked over 50 countries as a mobile, some would be considered a long haul for 100 watts on a vertical. Such places as Australia, New Zealand, Tasmania, Kuwait, Botswana, and many others. Some of those were getting through some hefty pileups, as well.

In the interim, I shall probably fit the Jeep with the little FT-817 and operate it on 17m as that is the last band the ATAS-100 was tuned for.

Come on, Yaesu, get crackin'!!!!!

Turner - WA4MQY

# 14325. s/meter...

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 14:47:49 UTC
From: f5asdjerome@aol.com
Topic: 14325  Message: 14325

73's to all members.... How to adjust the s/meter on VHF on FT-100? please let me message on: F5ASDJEROME@... ma liste de diffusion... http://fr.groups.yahoo.com/group/f5asd-dx-news/ my homepage:http://www.ifrance.com/dxqslcartes/ 73'S F5ASD jérôme [Non-text portions of this message have been removed]

# 14326. Re: [FT100] Re: FT-100 back from Modsville!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-22 20:22:09 UTC
From: Scott Kamm
Topic: 14209  Message: 14326

It's probably cw.

box542 wrote:

> --- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> > The Rotary Club of America (a philanthropical organization) has a
> > national repeater system that uses an odd-ball tone burst to enter
> > the system (1820 Hz). The Rotary Encoder allows you to access that
> > system.
>
> Ya know, for the longest time I had this odd-ball TONE playing in my
> in my head. From time to time the YL would ask what I was listening
> to, but I just couldn't explain it! Thanks so much for helping me
> 'cure' the problem!
>
> :-)
>
> Bruce - N1VRB
>
> > Actually, that's the widgit that you spin when you tune the Freq
> knob.
> > So I guess they found it was bad. Good for you.
> > N6AF Chas
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14327. Re: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 07:38:33 UTC
From: W6MDK@AOL.COM
Topic: 14324  Message: 14327

I agree. It was a smart thing to do.

As long as we're on this topic, I'm going to move to a different area and ask if I am halucinating or if anyone else has experoienced this. According to th manual and everything else I have read, the SWR meter should move to minimum when the SWR decreases. Mine appears to do the oppositie. In other words, it seems that more bars = lower SWR. I figure either I am completely insane, or the thing is actually working this way.

Can anyone spot some obvious (or not so obvious) error I am making here?

73,

Mike
W6MDK

# 14328. RE: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 12:07:27 UTC
From: Eric van de Weyer
Topic: 14324  Message: 14328

FYI, Tasmania is part of Australia, not a separate country.

73....Eric VK2KUR
-----Original Message-----
From: morganquityesterday [mailto:tmorgan7955@...]
Sent: Thursday, 23 May 2002 02:19
To: FT100@yahoogroups.com
Subject: [FT100] Per Your Advice

I have taken the advice of many in this group and sent my FT-100D back to Yaesu (Vertex Standard) for the modifications.

The radio has been in my Jeep since about September of '01 and has exhibited none of the problems reported in this group. However, the consensus of opinion seems to be get the radio "repaired" because the problem(s) will happen.

I checked and the warranty expires in August this year so I decided I'd better get this done. It has been reported that Yaesu will do the modifications even out of warranty, but probably would not replace the expensive PAs out of warranty.

Since that radio has been in the Jeep, I have worked over 50 countries as a mobile, some would be considered a long haul for 100 watts on a vertical. Such places as Australia, New Zealand, Tasmania, Kuwait, Botswana, and many others. Some of those were getting through some hefty pileups, as well.

In the interim, I shall probably fit the Jeep with the little FT-817 and operate it on 17m as that is the last band the ATAS-100 was tuned for.

Come on, Yaesu, get crackin'!!!!!

Turner - WA4MQY

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[Non-text portions of this message have been removed]

# 14329. RE: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 12:11:37 UTC
From: Eric van de Weyer
Topic: 14324  Message: 14329

Mine certainly works as per the book, i.e. less bars = lower SWR. Remember you need the MTR option switched ON (i.e.highlighted on the screen) and you read the thin bars below the main ones. If you have it set with MTR OFF you will be reading ALC.

73....Eric VK2KUR.
-----Original Message-----
From: W6MDK@... [mailto:W6MDK@...]
Sent: Thursday, 23 May 2002 17:39
To: FT100@yahoogroups.com
Subject: Re: [FT100] Per Your Advice

I agree. It was a smart thing to do.

As long as we're on this topic, I'm going to move to a different area and ask
if I am halucinating or if anyone else has experoienced this. According to
th manual and everything else I have read, the SWR meter should move to minimum when the SWR decreases. Mine appears to do the oppositie. In other
words, it seems that more bars = lower SWR. I figure either I am completely
insane, or the thing is actually working this way.

Can anyone spot some obvious (or not so obvious) error I am making here?

73,

Mike
W6MDK

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[Non-text portions of this message have been removed]

# 14330. Re: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 12:06:05 UTC
From: Sonny
Topic: 14300  Message: 14330

I don't want any of the other mic functions . All I want is PTT .

[Non-text portions of this message have been removed]

# 14331. RE: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 12:29:25 UTC
From: Eric van de Weyer
Topic: 14300  Message: 14331

27K from SW1 line to ground.

73....Eric VK2KUR
-----Original Message-----
From: Sonny [mailto:ag4px@...]
Sent: Thursday, 23 May 2002 22:06
To: FT100@yahoogroups.com
Subject: Re: [FT100] Studio Microphone

I don't want any of the other mic functions . All I want is PTT .

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14332. Re: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 12:36:20 UTC
From: The Simpsons
Topic: 14324  Message: 14332

Perhaps yopu are looking at the power out indication. As the SWR decreases, the power out will increase, so a high reading = low SWR while a low reading = high SWR.

Grant, ZL2BK.

----- Original Message -----
From: "Eric van de Weyer" <eric@...>
To: <FT100@yahoogroups.com>
Sent: Friday, May 24, 2002 12:11 AM
Subject: RE: [FT100] Per Your Advice

> Mine certainly works as per the book, i.e. less bars = lower SWR. Remember
> you need the MTR option switched ON (i.e.highlighted on the screen) and you
> read the thin bars below the main ones. If you have it set with MTR OFF you
> will be reading ALC.
>
> 73....Eric VK2KUR.
> -----Original Message-----
> From: W6MDK@... [mailto:W6MDK@...]
> Sent: Thursday, 23 May 2002 17:39
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Per Your Advice
>
>
> I agree. It was a smart thing to do.
>
> As long as we're on this topic, I'm going to move to a different area and
> ask
> if I am halucinating or if anyone else has experoienced this. According
> to
> th manual and everything else I have read, the SWR meter should move to
> minimum when the SWR decreases. Mine appears to do the oppositie. In
> other
> words, it seems that more bars = lower SWR. I figure either I am
> completely
> insane, or the thing is actually working this way.
>
> Can anyone spot some obvious (or not so obvious) error I am making here?
>
> 73,
>
> Mike

> W6MDK

# 14333. RE: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 14:02:38 UTC
From: Bob Evans
Topic: 14319  Message: 14333

Chas,

I don't understand how your opinion of the FT-100 can change on a dime like that. Some days you offer highest praise and then this. You seem to have quite a bit of technical expertise, so I would think you would have gone through an error elimination phase by plugging the FT-100 into a known antenna/dummy load to see if it was working properly. I would always be suspicious of a temporary, "mag mount" antenna before assuming my modified FT-100D was at fault. Hopefully you did that, but it wasn't mentioned in your post. I know that I gave up on mag mounts years ago because they eventually become the weakest link in any system either through aging, bad coax or lack of regular use. I hope you find the problem. I'm still loving my old FT-100/ATAS-100 after two years of constant service on CW (primarily), FM and SSB

Bob K5WA

>> So unless everybody tells me that they could never use
mag mounts with the FT-100D even after having the "official" mod
done, I'm outa here. Not a matter of losing faith - rather a matter
of responding to my education/experience with this rig.
N6AF Chas

# 14334. Re: Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 14:11:26 UTC
From: Bob Evans
Topic: 14324  Message: 14334

Mike,

Double check the MTR setting (Row 7, A Key). You might have accidentally gotten it in the ALC meter reading mode rather than SWR. If it is in ALC mode, the meter would rise upon more output which coincidentally occurs when SWR is least.

Just a thought.

Bob K5WA

>>>>Message: 12
Date: Thu, 23 May 2002 03:38:33 EDT
From: W6MDK@...
Subject: Re: Per Your Advice

I agree. It was a smart thing to do.

As long as we're on this topic, I'm going to move to a different area and ask
if I am halucinating or if anyone else has experoienced this. According to th manual and everything else I have read, the SWR meter should move to minimum when the SWR decreases. Mine appears to do the oppositie. In other words, it seems that more bars = lower SWR. I figure either I am completely insane, or the thing is actually working this way.

Can anyone spot some obvious (or not so obvious) error I am making here?

73,

Mike
W6MDK

# 14335. [FT100] RE: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 14:17:21 UTC
From: Howard Cunningham
Topic: 14319  Message: 14335

Hi

When we go on trips using my wife's minivan I use a 4 magnet mag mount for the Hamsticks with a FT100. Works great and I have no problems.

hc
WD5DBC

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...m
for service: service@...

>>> bevans@... 05/23/02 10:02AM >>>
Chas,

I don't understand how your opinion of the FT-100 can change on a dime like that. Some days you offer highest praise and then this. You seem to have quite a bit of technical expertise, so I would think you would have gone through an error elimination phase by plugging the FT-100 into a known antenna/dummy load to see if it was working properly. I would always be suspicious of a temporary, "mag mount" antenna before assuming my modified FT-100D was at fault. Hopefully you did that, but it wasn't mentioned in your post. I know that I gave up on mag mounts years ago because they eventually become the weakest link in any system either through aging, bad coax or lack of regular use. I hope you find the problem. I'm still loving my old FT-100/ATAS-100 after two years of constant service on CW (primarily), FM and SSB

Bob K5WA

>> So unless everybody tells me that they could never use
mag mounts with the FT-100D even after having the "official" mod
done, I'm outa here. Not a matter of losing faith - rather a matter
of responding to my education/experience with this rig.
N6AF Chas

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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# 14336. Atas 120

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 15:00:15 UTC
From: Aurélio da Costa
Topic: 14336  Message: 14336

Someone who attended the Dayton convention referred the new Atas 120. I could not find in the Yaesu WebPages any mention to this antenna under the new products section, nor Google found any trace of it . Did I get the info right?
73, Leo CT1CSN

# 14337. Re: [FT100] RE: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 15:47:41 UTC
From: Dick Thompson
Topic: 14319  Message: 14337

What about passing thru Interstate overpasses and or tunnels? I assume you keep a supply of Hamsticks on hand. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: Howard Cunningham
To: FT100@yahoogroups.com
Sent: Thursday, May 23, 2002 8:17 AM
Subject: [FT100] RE: mag mount mobile ant with FT-100D

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[Non-text portions of this message have been removed]

# 14338. Re: Atas 120

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 16:29:00 UTC
From: ab8jc
Topic: 14336  Message: 14338

Yes, it is a new, "improved" version of ATAS-100 screwdriver. I didn't see it, but understand it is supposed to tune faster. Yaesu are very slow at updating website -- FT-100D (among others) is still listed as a "new" radio.

Steve AB8JC

--- In FT100@y..., Aurélio da Costa <ct1csn@m...> wrote:
> Someone who attended the Dayton convention referred the new Atas 120. I could not find in the Yaesu WebPages any mention to this antenna under the new products section, nor Google found any trace of it . Did I get the info right?
> 73, Leo CT1CSN

# 14339. Re: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 17:02:36 UTC
From: W6MDK@AOL.COM
Topic: 14324  Message: 14339

In a message dated 5/23/2002 5:12:46 AM Pacific Daylight Time,
eric@... writes:

> If you have it set with MTR OFF you
> will be reading ALC.
>

I know that. It reads backward whether MTR is on or off.

[Non-text portions of this message have been removed]

# 14340. Re: [FT100] Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 17:03:24 UTC
From: W6MDK@AOL.COM
Topic: 14324  Message: 14340

I suppose that is possible. I'll put some reading glasses on the next time I fire it up.

# 14341. Re: [FT100] Re: Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 17:04:30 UTC
From: W6MDK@AOL.COM
Topic: 14324  Message: 14341

Good thought. I'll check it out.

# 14342. test Message

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 17:05:18 UTC
From: wa1hog
Topic: 14342  Message: 14342

```
new address
```

# 14343. Re: Atas 120

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 17:15:29 UTC
From: w8hq
Topic: 14336  Message: 14343

--- In FT100@y..., "ab8jc" <ab8jc@y...> wrote:
> Yes, it is a new, "improved" version of ATAS-100 screwdriver. I
> didn't see it, but understand it is supposed to tune faster.
Yaesu
Yaesu had a sheet of paper with specs on it at Dayton and had a unit on display. I will try to get it scanned in and uploaded to the files section.

The boot is gone and it has a solid body the whole top portion of the antenna. The Yaesu rep told me they would keep the ATAS100 as a product and offer the 12 as a top of the line unit with 30 to 40% faster tuning time.

Clearly it is a new design that eliminates the problems with the ATAS corrision in salt air(read NA USA in winter). The whole upper portion moves up and down and the gasket is under the upper half unexposed to the environment.

No production date or price was announced.

# 14344. FT-100D operation question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 21:36:42 UTC
From: Nate Bargmann
Topic: 14344  Message: 14344

Hi all.

Having bought a new (for me at least) pickup, I'm considering an FT-100D as an "all in one" radio. One thing I've enjoyed in the past is being able to have my FT-8100 scanning on either or both bands while monitoring a favorite frequency on HF with the trusty FT-890. I'm curious if the FT-100D has the capability to scan VHF and UHF frequencies while simultaneously monitoring an HF frequency or be in QSO in HF? Or, does the radio simply act as the '890 where everything would have to be in memory to scan over multiple bands and there is no sub-band as on the '8100?

This is one item I've not seen addressed in the multitude of messages I've read lately.

Thanks to all!

73, de Nate >>

--
Wireless | Amateur Radio Station N0NB | "We have awakened a
Internet | n0nb@... | sleeping giant and
Location | Bremen, Kansas USA EM19ov | have instilled in him
Amateur radio exams; ham radio; Linux info @ | a terrible resolve".
http://www.qsl.net/n0nb/ | - Admiral Yamomoto

# 14345. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-23 21:56:07 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14345

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /ATAS120.gif
Uploaded by : w8hq <w8hq@...>
Description : New Antenna from Yaesu

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/ATAS120.gif

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

w8hq <w8hq@...>

# 14346. FT100D Ranger Truck Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 00:21:38 UTC
From: Kevin Burkhart
Topic: 14346  Message: 14346

I have finally updated my web page and in the process added a gallery of photos
of my FT100D installation in my 2002 Ford Ranger. There is some text along with the photos to explain some of what I did. If you have questions, feel free to email me.

The radio is working great on all bands, 40m and up, I have not tried 80 and 160 since I don't have antennas for those bands. I did all the mods on the radio last winter, did them myself. I found the SWR mod to be an easy 30min job for me and went with the 50 ohm resistor for the fans.

The radio performance in the Ford Ranger seems to be very good, at least as good as my previous truck (87 Nissan). I don't seem to hear any fuel pump noise and the ignition noise is tolerable and handled well by the NB.

73, Kevin
WM0F

# 14347. 2mtr/440 swr problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 01:49:17 UTC
From: Shep1478
Topic: 14347  Message: 14347

Well, after about a year or so of constant mobile use, the FT-100 has suddenly started having high swr on 2 meters and 440. HF works great.

I'm using a diamond 2mtr/440 antenna and also the ATAS for HF. High swr is on ATAS too when trying to xmit on 2 meters.

Before kicking myself around any harder trying to figure out the problem, is there any idea you guys might have ? The serial number is: 9E315**.

Many thanks in advance!

Jim - KT4FD
Dawsonville, GA
Dawson County

# 14348. Re: [FT100] RE: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 10:43:29 UTC
From: Howard Cunningham
Topic: 14319  Message: 14348

have not had a problem yet, I do have problems with drive thrus.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> wb0dul@... 05/23/02 11:47AM >>>
What about passing thru Interstate overpasses and or tunnels? I assume you keep a supply of Hamsticks on hand. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: Howard Cunningham
To: FT100@...m
Sent: Thursday, May 23, 2002 8:17 AM
Subject: [FT100] RE: mag mount mobile ant with FT-100D

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When we go on trips using my wife's minivan I use a 4 magnet mag mount for the Hamsticks with a FT100. Works great and I have no problems.

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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# 14349. Re: FT-100D operation question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 17:38:39 UTC
From: Bob Evans
Topic: 14344  Message: 14349

Hi Nate,

I'm not familiar with the 8100 but the FT-100D has a thing called Dual Watch. Dual Watch bounces back and forth between whatever frequencies are loaded into VFO A and VFO B. I normally listen on 14030 CW on VFO A and have VFO B set to my local repeater in case someone pops on. I can carry on a QSO on CW and am still aware of someone coming back on 2M. The listening time between jumps is adjustable between 1-10 seconds. When I actually get into a fast cw qso, I usually turn off the DW because I miss a bit of the CW when it jumps to 2M receive for a second or so, but you may prefer something different.

I think you'd like the FT-100. I have found it to fit my definition of "all-in-one" for two years now. Great rig.

Bob K5WA

>>>>>Message: 12
Date: Thu, 23 May 2002 16:36:42 -0500
From: Nate Bargmann <n0nb@...>
Subject: FT-100D operation question

Hi all.

Having bought a new (for me at least) pickup, I'm considering an FT-100D as an "all in one" radio. One thing I've enjoyed in the past is being able to have my FT-8100 scanning on either or both bands while monitoring a favorite frequency on HF with the trusty FT-890. I'm curious if the FT-100D has the capability to scan VHF and UHF frequencies while simultaneously monitoring an HF frequency or be in QSO in HF? Or, does the radio simply act as the '890 where everything would have to be in memory to scan over multiple bands and there is no sub-band as on the '8100?

This is one item I've not seen addressed in the multitude of messages I've read lately.

Thanks to all!

73, de Nate >>

Bob Evans
Niche Marketing, Inc.
(713) 937-9013

# 14350. Re: 2mtr/440 swr problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 18:17:13 UTC
From: radiotube321
Topic: 14347  Message: 14350

As legend has it, any FT-100/D built before the year 2000 is subject to the hi swr problem. You need to send your's in for a modification... however, you will want to make sure its not your setup first! I suspect that your antenna could be damaged, your feed line, or the pigtail on the radio. Try getting an external SWR meter.

--- In FT100@y..., "Shep1478" <shep1478@y...> wrote:
> Well, after about a year or so of constant mobile use, the FT-100 has
> suddenly started having high swr on 2 meters and 440. HF works great.
>
> I'm using a diamond 2mtr/440 antenna and also the ATAS for HF. High
> swr is on ATAS too when trying to xmit on 2 meters.
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> Before kicking myself around any harder trying to figure out the
> problem, is there any idea you guys might have ? The serial number
> is: 9E315**.
>
> Many thanks in advance!
>
> Jim - KT4FD
> Dawsonville, GA
> Dawson County

# 14351. Re: FT-100D operation question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 18:22:53 UTC
From: radiotube321
Topic: 14344  Message: 14351

The FT-100D does have dual watch capability. however, it will only
switch between VFO A and B. Really, if you want the kitchen sink with
a perfect VHF / UHF radio, but that Icom 2800 with the LCD screen.

--- In FT100@y..., Nate Bargmann <n0nb@n...> wrote:
> Hi all.
>
> Having bought a new (for me at least) pickup, I'm considering an FT-100D
> as an "all in one" radio. One thing I've enjoyed in the past is being
> able to have my FT-8100 scanning on either or both bands while
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> as on the '8100?
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> I've read lately.
>
> Thanks to all!
>
> 73, de Nate >>
>
> --
> Wireless | Amateur Radio Station N0NB | "We have awakened a
> Internet | n0nb@n... | sleeping giant and
> Location | Bremen, Kansas USA EM19ov | have instilled in him
> Amateur radio exams; ham radio; Linux info @ | a terrible resolve".
> http://www.qsl.net/n0nb/ | - Admiral Yamomoto

# 14352. Re: [FT100] ATBK100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 20:12:01 UTC
From: alpha
Topic: 2771  Message: 14352

works fine, i have one but am selling it. use it only
for base instalations

pete n6bxz ft worth

--- mgaraux <mgaraux@...> wrote:
> I was wondering if anyone has had any experiences
> with the ATBK100
> base kit for the ATAS100 antenna?
>
> Thanks, 73's Mike
>
>

_____
Do You Yahoo!?
LAUNCH - Your Yahoo! Music Experience
http://launch.yahoo.com

# 14353. Antenna Bill

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 16:21:09 UTC
From: ag4px
Topic: 14353  Message: 14353

Howdy Guys and Gals

There is a Antenna in bill that was introduced to Congress May
14,2002
"H.R. 4720" that would provide relief to Amateurs who are now
prevented
by private deed covenants, conditions and restrictions from installing
outdoor antennas. Below is a letter I sent to our Congresswoman Karen
Thurman and to the Gainesville Sun Editorial .
Please use it as a template for your own letter or simply make up
your
own.
It is critical that we as Amateur Radio Operators influence our
repenstatives to take action on this bill.
At the end of the letter is the address and phone numbers for Karen
Thurman.
PLEASE ACT NOW !

73 AG4PX
_____BOF_____
___-

To: Representative Karen Thurman May
24,
2002

Amateur Radio Emergency Communications Consistency Act

Rarely does a bill come through Congress such as one we have now.
Unlike most bills on Capitol Hill, this one won't cost the already
bloated budget a single penny. In addition, unlike most bills, this
one
has the potential to save thousands of lives during a national
emergency.

I would like to bring to your attention a bill that was introduced
to
Congress May 14,2002 "H.R. 4720" that would provide relief to
Amateurs
who are now prevented by private deed covenants, conditions and
restrictions from installing outdoor antennas.

Rep Steve Israel (D-NY) introduced the "Amateur Radio Emergency
Communications Consistency Act." The measure H.R. 4720 would require
private land-use regulators to "reasonably accommodate" Amateur
Radio
antennas consistent with the now standing limited federal preemption

known as PRB-1, which applies only to states and municipalities.

As Amateur Radio Operators "HAMS" we save lives and assist
police,
fire
and other traditional public service organizations in communicating
and
providing services to victims of natural disasters and homeland
attacks
when conventional communication channels are overburdened, disrupted
or
destroyed as evidence by decades of documented community service by
the
Amateur radio community.
We are a federally licensed group of trained volunteer Amateur radio
operators, which are vital in providing valuable, short and long-range
emergency communications.
Moreover: the effectiveness of Amateur radio operators is determined
by
our ability to erect and use outdoor antenna systems.
Where as: Private land use regulations are pervasive and unfairly
restrict volunteer Amateur radio operators in performing vital
emergency
communications through restrictions to installing effective outdoor
antenna
systems.

In these days of wild- eyed, fanatical pistol-wavers wearing C-4
underwear, this bill might just mean the difference between life and
death to many, many people. Already amateur radio stations are
frequently the only way to communicate in an area devastated by an
earthquake, hurricane , blizzard or attack.
With the cost of only a few dollars at an electronics store, a
knowledgeable and independent ham operator in just a few hours can set
up a worldwide emergency radio station operating on an ordinary car
battery.
A viable ham radio network might just make a major difference to
literally millions of lives during a national emergency in which even
cell phones are inoperative. We need ham operators - if nothing more
than as a backup
To national defense and to ensure that emergency communication
services
are possible.
We need the "Amateur Radio Emergency Communications Consistency
Act"
to
be signed into law. It's the right thing to do before another attack
by
al-Qaida occurs.

I urge you to please vote YES for Bill "H.R. 4720"
Which will recognize the importance of amateur radio and the need to reasonably accommodate amateur radio emergency communications through installation of effective outdoor antennas.

Roy E. Lewis Jr. AG4PX

Nancy J. Lewis KE4UBT

Congresswoman Karen L. Thurman
5700 S.W. 34th St.
Gainesville, Florida 32608
Office = 352-336-6614
Fax = 352-336-6376

# 14354. Re: [FT100] Antenna Bill

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-24 22:45:35 UTC
From: Dick Thompson
Topic: 14353  Message: 14354

That's a great letteer, Roy. Thanks for sharing it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: ag4px
To: FT100@yahoogroups.com
Sent: Friday, May 24, 2002 10:21 AM
Subject: [FT100] Antenna Bill

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"H.R. 4720" that would provide relief to Amateurs who are now
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battery.
A viable ham radio network might just make a major difference to
literally millions of lives during a national emergency in which even
cell phones are inoperative. We need ham operators - if nothing more
than as a backup

To national defense and to ensure that emergency communication
services
are possible.
We need the "Amateur Radio Emergency Communications Consistency
Act"
to
be signed into law. It's the right thing to do before another attack
by
al-Qaida occurs.

I urge you to please vote YES for Bill "H.R. 4720"
Which will recognize the importance of amateur radio and the need to
reasonably accommodate amateur radio emergency communications through
installation of effective outdoor antennas.

Roy E. Lewis Jr. AG4PX

Nancy J. Lewis KE4UBT

Congresswoman Karen L. Thurman
5700 S.W. 34th St.
Gainesville, Florida 32608
Office = 352-336-6614
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[Non-text portions of this message have been removed]

# 14355. Re: [FT100] Antenna Bill

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-25 01:17:26 UTC
From: cherokeeguy777@aol.com
Topic: 14353  Message: 14355

I agree. That is an excellent letter.

# 14356. Return of my FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-25 16:15:12 UTC
From: kb3bmt@juno.com
Topic: 14356  Message: 14356

Great turn around from Yaesu on my rig. Sent in for mods after discovering they had not been done (serial #1l2) via U.S. Mail on 16 April. Received by Yaesu 6 days later after being forwarded to Cypress, CA (I wasn't aware they had moved). Received back via UPS Brown 23 May. Not bad!

Invoice states the following:

PROBLEM: Intermittent hi-SWR-TX ground mod

WORK DONE:

2 EA Fitting B4134490 $0.84
1 EA Thermal Guard OHD3-40M $7.01
1 EA AM Repair Labor $70.00 (Wasn't aware there was any AM problem!)

Rig was under warranty, so there was no charge.

Fans run constantly now, at slow speed, and higher speed when transmitting. So far - so good on the SWR gremlin. Getting great reports again on all QSOs. Rig is heavily used and is mounted mobile. I am in the car 16+ hours a day from Friday thru Monday.

If any of you could provide info on what the fitting above is, it would be appreciated.

Nice to have this great radio back in my car. The FT-747GX made a terrible temporary replacement.

73 de Jim
KB3BMT

_____
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# 14357. Re: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-25 18:42:03 UTC
From: joates_48323
Topic: 14319  Message: 14357

I had a similar experience with the MFJ three mag mount with the ATAS-100. Turns out that the connection connection for the center conductor of the coax had broken. I resoldered it and it worked OK.

73,

Joe - KB8BO

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> What luck have people had using mag mount mobile antennas with the
> FT-100D ? Mine seemed to work well for about a year after having the
> Yaesu spurious oscillation mod done but then yesterday I had a lousy
> experience up on top of Skyline. Drove all the way up there and, at
> about 2500 feet with a great Bay Area view, I fired up the rig. Got
> the SWR icon on 40 meters, 20 meters and 10 meters using Hustler
> whips on a big fat mag mount. I've used this mag mount and Hustler
> whip combo many times with no trouble. It just looks like the good
> old "SWR gremlin" creeping back in. So it is likely almost Icom 706
> time for me. I did my time and to have this show up again is hugely
> unacceptable. So unless everybody tells me that they could never use
> mag mounts with the FT-100D even after having the "official" mod
> done, I'm outa here. Not a matter of losing faith - rather a matter
> of responding to my education/experience with this rig.
> N6AF Chas

# 14358. CW Filter Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-25 21:20:12 UTC
From: w9ham
Topic: 14358  Message: 14358

Just picked up the XF-117C CW filter for my FT-100. I installed it in the #2 slot, as the manual implyed, and made the adjustments to Menu #31 and # 32. It seemed to only work while I was in the AM mode. I then moved it to Slot #1 and it still only works while in the AM mode. I Wonder if anyone has a solution?

Thanks much,

Randy

# 14360. Re: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-27 14:03:29 UTC
From: sonny
Topic: 14300  Message: 14360

So I put a 27k from s1 to ground then I hook my ptt to the ptt on the radio and ground to ground ?

# 14361. Yaesu Repair.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 00:04:29 UTC
From: Norm, W3IZ
Topic: 14361  Message: 14361

Where does it end? I sent my Ft-890 to Yaesu on March 8 and they recieved it on March 15. They said the rig was FBand the problem was in my PS. Correct. I get the rig back this weekend, May 24. I sent it packed in styrofoam and peanuts, original carton inside another carton. It comes back in the original carton with no packing, inside another carton with just a crumpled piece of paper on top as a cushion. The clarifier knob and the Notch/Shift knobs are bent. Pure carelessness and it cost me $60. What a bunch of pricks.

[Non-text portions of this message have been removed]

# 14362. SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 09:39:54 UTC
From: zs5lw
Topic: 14362  Message: 14362

My FT-100 had the VHF/UHF PA replace under warranty by Yaesu Japan. When the rig was returned I noticed the SWR was HI on 70cm. When the rig was away I changed vehicles and assumed it was because the antenna was now mounted on the side of my truck. I never used 70cm so it did not bother me. Now the local ham club has set up IRLP on 70cm, I decided to set the antenna up. I got hold of a MFJ analyser and to my surprise the SWR was 1.2 , yet the rig showed HI SWR. I changed the antenna and coax anyway, but no change in results. I then used a dummy load and an external SWR/Watt meter. The external reading showed SWR of 1.15 and an output of about 0.8 watt. The rig showed Hi SWR and 50% output. (power was set to 50% in menu). Then to confuse me even more, every now and then the rig would show the same results as the external meter, that is low SWR ( which is fine) but the output power stayed at less than a watt even when set to 50%.

The rig works fine on VHF.

Anyone have any ideas or come across this problem before.

Les Watts
ZS5LW

# 14363. Re: [FT100] SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 09:53:37 UTC
From: Paul Manuel
Topic: 14362  Message: 14363

--- zs5lw <wattsl@...> wrote:
> My FT-100 had the VHF/UHF PA replace under warranty by Yaesu Japan.
> When the rig was returned I noticed the SWR was HI on 70cm.

Sounds like the 440MHz spurious oscillation, which I occasionally had
until I did the "SWR Mod." The output from the radio is mostly on some
out-of-band spurious frequency, not the one you want. Be careful or you'll
burn up another final!
Good Luck & 73,
Paul K4PDM

_____
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# 14364. Re: SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 10:17:18 UTC
From: zs5lw
Topic: 14362  Message: 14364

Thanks Paul, I would have thought Yaesu would have done all mods and checked the rig before sending it back halfway across the world. Well I check it out on a friends tracking generator. Biggest problem in South Africa is there is no agents for most Ham gear, and with only one ham outlet with no technical staff your basically on your own.

73's

Les ZS5LW

# 14365. RE: [FT100] Studio Microphone

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 10:24:00 UTC
From: Eric van de Weyer
Topic: 14300  Message: 14365

No,

you put one end of the 27k resistor to the SW1 line and the other end to your PTT switch which grounds it to transmit.

The SW1 and SW2 lines are multi-purpose and do different things with different resistance values to ground. The PTT is just one of them.

73....Eric VK2KUR
-----Original Message-----
From: sonny [mailto:ag4px@...]
Sent: Tuesday, 28 May 2002 00:03
To: FT100@yahoogroups.com
Subject: Re: [FT100] Studio Microphone

So I put a 27k from s1 to ground then I hook my ptt to the ptt on the radio and ground to ground ?

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[Non-text portions of this message have been removed]

# 14366. Re: [FT100] Re: mag mount mobile ant with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 17:39:28 UTC
From: John Spiceman
Topic: 14319  Message: 14366

Chas,
I know you will do a lot more checks on that antenna
before joining the dark side.
I'll bet its something else going on. Time to whip out
all those analysers you've got access to.
I use the smaller MFJ mag mount with my ATAS100 and
haven't had a spec of problems mobiling all around
Washington and Oregon.
Your VOM will probably find the problem.

John - WB?RLD

>
> --- In FT100@y..., "backhoefade" <cgarner@h...>
> wrote:
> > What luck have people had using mag mount mobile
> antennas with the
> > FT-100D ? Mine seemed to work well for about a
> year after having
> the
> > Yaesu spurious oscillation mod done but then
> yesterday I had a
> lousy
> > experience up on top of Skyline. Drove all the
> way up there and,
> at
> > about 2500 feet with a great Bay Area view, I
> fired up the rig.
> Got
> > the SWR icon on 40 meters, 20 meters and 10 meters
> using Hustler
> > whips on a big fat mag mount. I've used this mag
> mount and Hustler
> > whip combo many times with no trouble. It just
> looks like the good
> > old "SWR gremlin" creeping back in. So it is
> likely almost Icom
> 706
> > time for me. I did my time and to have this show
> up again is
> hugely
> > unacceptable. So unless everybody tells me that
> they could never
> use
> > mag mounts with the FT-100D even after having the

> "official" mod
> > done, I'm outa here. Not a matter of losing faith
> - rather a
> matter
> > of responding to my education/experience with this
> rig.
> > N6AF Chas
>
>

_____
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# 14367. Re: 6 meters SWR? Also info on installing in my Jeep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 19:15:01 UTC
From: tdc455
Topic: 8405  Message: 14367

Andy,
I am planning a similar install. What is the total length of coax you are using?

73
Tim
W9TDC

--- In FT100@y..., "Andrew DeVries" <adevries@d...> wrote:
> I had the same poblem on 6 meters even after adding thick grounding straps. The solution was to add a 1 foot jumper of coax to the feed line. Now I can tune wih low SWR on 6 meters.
>
> Andy
> KC8MHK
>
>
> [Non-text portions of this message have been removed]

# 14368. atas-100 on 75/80 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 20:10:47 UTC
From: wrinks50
Topic: 14368  Message: 14368

Hello,

Has anyone modified there atas-100 to work on 75/80 meters, without an external tuner????

Ryan N8RY

# 14369. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 22:47:28 UTC
From: am_fm_radio
Topic: 14369  Message: 14369

[Body unavailable in the source archive]

# 14370. (no subject)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 22:47:31 UTC
From: am_fm_radio
Topic: 14370  Message: 14370

[Body unavailable in the source archive]

# 14371. Rumor-Rumor ---Is it True?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 22:53:27 UTC
From: am_fm_radio
Topic: 14371  Message: 14371

Oh- those who traveled to Mecca-Dayton... Was AES selling new in the box FT100D delivered to your door step for $699???

My previous posts arrived blank...will this one??

# 14372. Re: [FT100] Rumor-Rumor ---Is it True?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 23:11:43 UTC
From: n8uas@aol.com
Topic: 14371  Message: 14372

Yes, $699. to my door..

Frank/N8UAS

# 14373. Re: [FT100] Rumor-Rumor ---Is it True?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-28 22:53:56 UTC
From: Norm, W3IZ
Topic: 14371  Message: 14373

Yes they were and FT-817 was $499.
73,
Norm, W3IZ
----- Original Message -----
From: am_fm_radio
To: FT100@yahoogroups.com
Sent: Tuesday, May 28, 2002 6:53 PM
Subject: [FT100] Rumor-Rumor ---Is it True?

Oh- those who traveled to Mecca-Dayton... Was AES selling new in the
box FT100D delivered to your door step for $699???

My previous posts arrived blank...will this one??

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# 14374. Re: [FT100] Re: 6 meters SWR? Also info on installing in my Jeep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 02:59:04 UTC
From: Glen Farough
Topic: 8405  Message: 14374

Hello...even with good grounding and solid mounting
and swr mod...
I have found 6m to work perfectly with simple
conterpoise of two 4 1/2 pieces of wire...easy to
hide these short lengths.
Good luck...
73 de Glen VE7LGF
--- tdc455 <tchapman36@...> wrote:
> Andy,
> I am planning a similar install. What is the total
> length of coax you
> are using?
>
> 73
> Tim
> W9TDC
>
> --- In FT100@y..., "Andrew DeVries" <adevries@d...>
> wrote:
> > I had the same poblem on 6 meters even after
> adding thick grounding
> straps. The solution was to add a 1 foot jumper of
> coax to the feed
> line. Now I can tune wih low SWR on 6 meters.
> >
> > Andy
> > KC8MHK
> >
> >
> > [Non-text portions of this message have been
> removed]
>
>

---
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# 14375. DCS Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 12:58:02 UTC
From: Markus.Homma@t-online.de
Topic: 14375  Message: 14375

Hi Group,

i received my brand new FT-100D this morning and all seems to be ok.
But on our local frequency we use DCS Tonesquelch and my friends
notice a strange sound in the background when i turn DCS on.
So i received my signal back with my TM-D700E and i also hear this
sound when i'am transmitting.
It is on 2m and on 70cm when DCS is on.
Sounds like a motorcycle is running in the background hi.
Is this normal? Anybody has the same effect?
Or must i send the rig back?

greetings
Markus
DL1EIO

[Non-text portions of this message have been removed]

# 14376. Re: [FT100] Re: 6 meters SWR? Also info on installing in my Jeep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 13:02:39 UTC
From: Michael Garaux
Topic: 8405  Message: 14376

Can you be more descriptive about the counterpoise? How and where did you attach them? What gauge wire did you use? This infor mation would be very helpful.

Thanks, 73's

Mike
----- Original Message -----
From: Glen Farough
To: FT100@yahoogroups.com
Sent: Tuesday, May 28, 2002 10:59 PM
Subject: Re: [FT100] Re: 6 meters SWR? Also info on installing in my Jeep

Hello...even with good grounding and solid mounting
and swr mod...
I have found 6m to work perfectly with simple
conterpoise of two 4 1/2 pieces of wire...easy to
hide these short lengths.
Good luck...
73 de Glen VE7LGF
--- tdc455 <tchapman36@...> wrote:
> Andy,
> I am planning a similar install. What is the total
> length of coax you
> are using?
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> Tim
> W9TDC
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> --- In FT100@y..., "Andrew DeVries" <adevries@d...>
> wrote:
> > I had the same poblem on 6 meters even after
> adding thick grounding
> straps. The solution was to add a 1 foot jumper of
> coax to the feed
> line. Now I can tune wih low SWR on 6 meters.
> >
> > Andy
> > KC8MHK
> >
> >
> > [Non-text portions of this message have been
> removed]
>
>

---
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# 14377. DCS Problem II

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 13:46:24 UTC
From: Markus.Homma@t-online.de
Topic: 14377  Message: 14377

Hi again,

we also notice a short beep at every end of my transmission.
So maybe only the level for the DCS Tone is set to high and so it is
hearible
in the background?
Is there a possibility to change the level?

vy 73's
Markus
DL1EIO

[Non-text portions of this message have been removed]

# 14378. AA0BY Global Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 18:16:10 UTC
From: regularguy01
Topic: 14378  Message: 14378

AA0BY's Global Hams is a group dedicated to promoting all aspects of amateur radio. Whether you are a contester, DXer, ragchewer, or awards chaser, you will find something of interest here. We will also feature information on becoming a ham for those who are interested in joining this great hobby. We also have a place for you to submit your eyeball QSL card in the database, as well as places to advertise. The bookmark section contains valuable links to many different types of ham radio sites. This group is absolutely FREE and open to the public, whether you are a ham or not ! I encourage you to post often.

http://groups.yahoo.com/group/aa0bysglobalhams

# 14380. Re: Return of my FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 00:01:15 UTC
From: w6zip
Topic: 14356  Message: 14380

Jim,
I believe that "AM" repair is short for Amateur reapair, or Amateur
Labor charges. -73
John W6ZIP
--- In FT100@y..., kb3bmt@j... wrote:
> Great turn around from Yaesu on my rig. Sent in for mods after
> discovering they had not been done (serial #1l2) via U.S. Mail on 16
> April. Received by Yaesu 6 days later after being forwarded to
Cypress,
> CA (I wasn't aware they had moved). Received back via UPS Brown 23
May.
> Not bad!
>
> Invoice states the following:
>
> PROBLEM: Intermittent hi-SWR-TX ground mod
>
> WORK DONE:
>
> 2 EA Fitting B4134490 $0.84
> 1 EA Thermal Guard OHD3-40M $7.01
> 1 EA AM Repair Labor $70.00 (Wasn't aware
there
> was any AM problem!)
>
> Rig was under warranty, so there was no charge.
>
> Fans run constantly now, at slow speed, and higher speed when
> transmitting. So far - so good on the SWR gremlin. Getting great
> reports again on all QSOs. Rig is heavily used and is mounted
mobile. I
> am in the car 16+ hours a day from Friday thru Monday.
>
> If any of you could provide info on what the fitting above is, it
would
> be appreciated.
>
> Nice to have this great radio back in my car. The FT-747GX made a
> terrible temporary replacement.
>
> 73 de Jim
> KB3BMT
>
> _____
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# 14382. Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-29 21:02:00 UTC
From: overthepole
Topic: 14382  Message: 14382

Hello Group,

I'm aligning my unallocated funds with the intention of purchasing an FT-100D this summer.

To that end, I've been looking through the group postings and I have a couple of quick questions.

One is, I see a lot of radios going back to Yaesu for SWR mods and fan mods etc. Have these issues been rectified in the new units? Would I buy one off the shelf and have to send it to Yaesu?

Also, I'm assuming that I'll want to get the ATAS-100, or now the 120. One thing I'm not clear on is the way the antenna tunes. My assumption is that after you are on the desired frequency, you would press Tune, and the antenna does its thing. Is this correct? Or is there other steps or equipment involved?

And, who seems to have the most cosistently low prices?

In general, any advice going into this would be helpful. There's nothing like getting it right the first time!

Thanks in advance for the boost,

73 de Jeffrey

# 14383. Mic Wiring Diagram Page-4

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 02:32:56 UTC
From: k8mam2000
Topic: 14383  Message: 14383

Can someone tell me if the mic jack wiring diagram on page 4 of the FT-100 manual is correct----ie- second pin from left is Mic IN ?
Thanks.

# 14384. PSK31 Operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 02:35:31 UTC
From: k8mam2000
Topic: 14384  Message: 14384

Is there any way to select the 500 Hz CW filter while in the SSB mode for PSK31 operation? What options are there to narrow the passband operating PSK31?

# 14385. Re: [FT100] DCS Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 03:53:38 UTC
From: BRENT PAYNE
Topic: 14375  Message: 14385

Hello Mark, The TX DCS And CTCS Level is set to hi.
To set that level you must go inside of the
Radio,please use caution. 73s Brent N9ZR
--- Markus.Homma@... wrote:
> Hi Group,
>
> i received my brand new FT-100D this morning and all
> seems to be ok.
> But on our local frequency we use DCS Tonesquelch
> and my friends
> notice a strange sound in the background when i turn
> DCS on.
> So i received my signal back with my TM-D700E and i
> also hear this
> sound when i'am transmitting.
> It is on 2m and on 70cm when DCS is on.
> Sounds like a motorcycle is running in the
> background hi.
> Is this normal? Anybody has the same effect?
> Or must i send the rig back?
>
> greetings
> Markus
> DL1EIO
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 14387. Re: [FT100] Re: 6 meters SWR? Also info on installing in my Jeep

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 03:58:39 UTC
From: BRENT PAYNE
Topic: 8405  Message: 14387

--- Glen Farough <gfarough@...> wrote:
> Hello...even with good grounding and solid mounting
> and swr mod...
> I have found 6m to work perfectly with simple
> conterpoise of two 4 1/2 pieces of wire...easy to
> hide these short lengths.
> Good luck...
> 73 de Glen VE7LGF
> --- tdc455 <tchapman36@...> wrote:
> > Andy,
> > I am planning a similar install. What is the total
> > length of coax you
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> > 73
> > Tim
> > W9TDC
> >
> > --- In FT100@y..., "Andrew DeVries"
> <adevries@d...>
> > wrote:
> > > I had the same poblem on 6 meters even after
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> > coax to the feed
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> > > Andy
> > > KC8MHK
> > >
> > >
> > > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
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# 14388. Is the Control Head built to take it?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 04:51:06 UTC
From: KennerNW
Topic: 14388  Message: 14388

I am thinking about buying an FT-100D at a Hamfest this weekend. I love the reviews and great feedback that I have found on this board, but have one question that doesn't seem to have been addressed here. I would like to mount the unit in the dash of my Jeep Wrangler and remove the control head and stow it out of sight like a car stero face plate. Is this feasible? Are the contectors on the CH built to take the stress of this on and off action or will I end up breaking something.

Thank you for your advice,

- Ken, WB2FXG

# 14389. Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 06:52:46 UTC
From: Tim
Topic: 14382  Message: 14389

> I'm aligning my unallocated funds with the intention of purchasing an
> FT-100D this summer.
>
> To that end, I've been looking through the group postings and I have a
>
> couple of quick questions.
>
> One is, I see a lot of radios going back to Yaesu for SWR mods and fan
>
> mods etc. Have these issues been rectified in the new units? Would I
> buy one off the shelf and have to send it to Yaesu?

Mostly with late models t's the fan mod
only, the SWR mod seems to be done.

> Also, I'm assuming that I'll want to get the ATAS-100, or now the 120.
>
>

The antenna is a big part of the battle,
and there are many possibilities. It seems
to depend on just where you wish to operate.
Also how you will be operating, such as
while driving, mountain topping, camp, etc.

> And, who seems to have the most cosistently low prices?

Don't forget the practice of gathering the
prevailing prices on the internet, and allowing
your local, regular dealer to bid on them.
I bought mine, plus the accessories as a
package. While my dealer wasn't always the
lowest, when we added up the purchases
he was very close. I would have had to order
from several dealers to get the rock bottom.
Not only does the add to shipping costs, and
constitute a big hassle, it also doesn't take
into account the benefits of someone you
know locally dealing with any possible problems.
I think that has value too.

In general though try to pick someone just
over the state border closest to you...
no sales tax.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14390. Re: [FT100] Is the Control Head built to take it?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 09:55:36 UTC
From: Paul Manuel
Topic: 14388  Message: 14390

I have removed my faceplate almost daily for two years with no problems,
and it still seems to fit as it should.
73,
Paul K4PDM
--- KennerNW <evans_ke@...> wrote:
>.
> I would like to mount the unit in the dash of my Jeep Wrangler and
> remove the control head and stow it out of sight like a car stero
> face plate. Is this feasible?

_____
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# 14391. RE: [FT100] Make some easy money with only a $6 investment

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 11:11:30 UTC
From: T Chapman
Topic: 14391  Message: 14391

Denny ,
So your saying you like to receive this kind on junk mail????? Help me out here, I'm a little confused by your comment.
If you actually read the mail you'll see that I was not the original sender. I happen to think it has no place here. But if you like it I'd be perfectly willing to forward any junk I get to you. What do you say?

73 de Tim W9TDC

-----Original Message-----
From: Denny AD6EZ<>< [mailto:ad6ez@...]
Sent: Wednesday, May 29, 2002 10:55 PM
To: 'FT100@yahoogroups.com'
Subject: RE: [FT100] Make some easy money with only a $6 investment

Is this guy Chapman a legit member of this list? If so, for how much longer long?

73 de Denny AD6EZ<>< 

-----Original Message-----
From: T Chapman [SMTP:tchapman36@...]
Sent: Wednesday, May 29, 2002 5:03 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Make some easy money with only a $6 investment

And this has what to do with the FT-100?????????????

-----Original Message-----
From: Shtirlitz_SS [mailto:igor@...]
Sent: Wednesday, May 29, 2002 6:55 PM
To: FT100@yahoogroups.com
Subject: [FT100] Make some easy money with only a $6 investment

READING THIS MESSAGE WILL CHANGE YOUR LIFE FOREVER

!!!!!!PLEASE READ THIS ALL!!!!!!!!!

!!!!IT HELPED ME & IT CAN HELP YOU!!!!

!!!! NOT A SCAM !!!!

!!!I REPEAT NOT A SCAM!!!

THIS ONLY COST YOU A 6.00 CASH !!!INVESTMENT!!!

IT DOES WORK

!!!PLEASE READ ALL!!!

I found this on a bulletin board and decided to try it. A little while back, I was browsing through newsgroups, just like you are now, and came across an article similar to this that said you could make thousands of dollars within weeks with only an initial investment of $6.00! So I thought, "Yeah right, this must be a scam", but like most of us, I was curious, so I kept reading. Anyway, it said that you send $1.00 to each of the 6 names and address stated in the article. You then place your own name and address in the bottom of the list at #6, and post the article in at least 200 newsgroups. (There are thousands) No catch, that was it. So after thinking it over, and talking to a few people first, I thought about trying it. I figured: "what have I got to lose except 6 stamps and $6.00, right?" Then I invested the measly $6.00. Well GUESS WHAT!?... within 7 days, I started getting money in the mail! I was shocked! I figured it would end soon, but the money just kept coming in. In my first week, I made about $25.00. By the end of the second week I had made a total of over $1,000.00! In the third week I had over $10,000.00 and it's still growing. This is now my fourth week and I have made a total of just over $42,000.00 and it's still coming in rapidly. It's certainly worth $6.00, and 6 stamps, I have spent more than that on the lottery!!

Let me tell you how this works and most importantly, WHY it works... Also, make sure you print a copy of this article NOW, so you can get the information off of it as you need it. I promise you that if you follow the directions exactly, that you will start making more money than you thought possible by doing something so easy!
Suggestion: Read this entire message carefully! (print it out or download it.) Follow the simple directions and watch the money come in!
It's easy. It's legal. And, your investment is only $6.00 (Plus postage)

IMPORTANT: This is not a rip-off; it is not indecent; it is not illegal; and it is 99% no risk - it really works!
If all of the following instructions are adhered to, you will receive extraordinary dividends.

PLEASE NOTE:
Please follow these directions EXACTLY, and $50,000 or more can be yours in 20 to 60 days. This program remains successful because of the honesty and integrity of the participants. Please continue its success by carefully adhering to the instructions.
You will be part of the Mail Order business. In this business your product is not solid and tangible, it's a service. You are in the business of developing Mailing Lists. Many large corporations are happy to pay big bucks for quality lists. However, the money made from the mailing lists is secondary to the income which is made from people like you and me asking to be included in that list.

Here are the 4 easy steps to success:

STEP 1: Get 6 separate pieces of paper and write the following on each piece of paper "PLEASE PUT ME ON YOUR MAILING LIST." Now get 6 US $1.00 bills and place ONE inside EACH of the 6 pieces of paper so the bill will not be seen through the envelope (to prevent thievery). Next, place one paper in each of the 6 envelopes and seal them. You should now have 6 sealed envelopes, each with a piece of paper stating the above phrase, your name and address, and a $1.00 bill. What you are doing is creating a service. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate service and you are paying for it! Like most of us I was a little skeptical and a little worried about the legal aspects of it all. So I checked it out with the U.S. Post Office (1-800-725-2161) and they confirmed that it is indeed legal. Mail the 6 envelopes to the following addresses:

#1) Christine Thibeault
P.O. Box 522197
Miami Fl.
33152-2197

#2) Sarah Olson
131 Idlestone Ln.
Schaumburg, IL 60194

#3) Shereka Manigault
P. O. Box 126
McClellanville, SC 29458

#4)Cristal Jones
150 E. Stetson,
Hemet, CA 92543

#5)Carla Ann Norwood
1543 garland ave
Louisville,KY 40210

#6)I.Finkel
913 Pine St. Apt 100
Philadelphia, PA 19107

STEP 2: Now take the #1 name off the list that you see above, move the other names up 1 place (#2 becomes #1, #3 becomes #2, etc...) and add YOUR name and address as number 6 on the list.

STEP 3: Change anything you need to, but try to keep this article as close to original as possible. Now, post your amended article to at least 200 newsgroups. (I think there are close to 24,000 groups) All you need is 200, but remember, the more you post, the more money you make! You won't get very much unless you post like crazy. :)
This is perfectly legal! If you have any doubts, refer to Title 18 Sec. 1302 & 1341 of the Postal lottery laws.
Keep a copy of these steps for yourself and, whenever you need money, you can use it again, and again.

PLEASE REMEMBER that this program remains successful because of the honesty and integrity of the participants and by their carefully adhering to the directions. Look at it this way. If you are of integrity, the program will continue and the money that so many others have received will come your way.

NOTE: You may want to retain every name and address sent to you, either on a computer or hard copy and keep the notes people send you. This VERIFIES that you are truly providing a service. (Also, it might be a good idea to wrap the $1 bill in dark paper to reduce the risk of mail theft.)
so, as each post is downloaded and the directions carefully followed, six members will be reimbursed for their participation as a List Developer with one dollar each. Your name will move up the list geometrically so that when your name reaches the #1 position you will be receiving thousands of dollars in CASH!!! What an opportunity for only $6.00 ($1.00 for each of the first six people listed above) Send it now, add your own name to the list and you're in business!

-----DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS--------------

Step 1) You do not need to re-type this entire letter to do your own posting. Simply put your cursor at the beginning of this letter and drag your cursor to the bottom of this document, and select 'copy' from the edit menu. This will copy the entire letter into the computer's memory.

Step 2) Open a blank 'notepad' file and place your cursor at the top of the blank page. From the 'edit' menu select 'paste'. This will paste a copy of the letter into notepad so that you can add your name to the list.

Step 3) Save your new notepad file as a .txt file. If
you want to do your postings in different settings, you'll always have this file to go back to.

Step 4) Use Netscape or Internet explorer and try searching for various newsgroups (on-line forums, message boards, chat sites, discussions.)

Step 5) Visit these message boards and post this article as a new message by highlighting the text of this letter and selecting paste from the edit menu. Fill in the Subject, this will be the header that everyone sees as they scroll through the list of postings in a particular group, click the post message button. You're done with your first one! Congratulations...THAT'S IT! All you have to do is jump to different newsgroups and post away, after you get the hang of it, it will take about 30 seconds for each newsgroup!

**REMEMBER, THE
MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL MAKE! BUT YOU HAVE TO POST A MINIMUM OF 200**

That's it! You will begin receiving
money from around the world within days! You may eventually want to rent a P.O.Box due to the large amount of mail you will receive. If you wish to stay anonymous, you can invent a name to use, as long as the postman will deliver it. **JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.**

Now,
each of the 5 persons who just sent me $1.00 make the MINIMUM 200 postings, each with my name at #5 and only 5 persons respond to each of the original 5, that is another $25.00 for me, now those 25 each make 200 MINIMUM posts with my name at #4 and only 5 replies each, I will bring in an additional $125.00! Now, those 125 persons turn around and post the MINIMUM 200 with my name at #3 and only receive 5 replies each, I will make an additional $625.00! OK, now here is the fun part, each of those 625 persons post a MINIMUM 200 letters with my name at #2 and they each only receive 5 replies, that just made me $3,125.00!!! Those 3,125 persons will all deliver this message to 200 newsgroups with my name at #1 and if still 5 persons per 200 newsgroups react I will receive $15,625,00! With an original investment of only $6.00! AMAZING! When your name is no longer on the list, you just take the latest posting in the newsgroups, and send out another $6.00 to names on the list, putting your name at number 6 again. And start posting again. The thing to remember is: do you TURN 6 (six) DOLLARS INTO $6000 or even $60000 EASY AND HONESTLY!!!

The thing to remember is: do you realize that thousands of people all over the world are joining the internet and reading these articles everyday?, JUST LIKE YOU are
now!! So, can you afford $6.00 and see if it really works?? I think so... People have said, "what if the plan is played out and no one sends you the money? So what! What are the chances of that happening when there are tons of new honest users and new honest people who are joining the internet and newsgroups everyday and are willing to give it a try? Estimates are at 20,000 to 50,000 new users, every day, with thousands of those joining the actual internet. Remember, play FAIRLY and HONESTLY and this will really work.

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14392. RE: [FT100] Mic Wiring Diagram Page-4

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 11:24:09 UTC
From: Eric van de Weyer
Topic: 14383  Message: 14392

Works for me!

73....Eric VK2KUR
-----Original Message-----
From: k8mam2000 [mailto:k8mam@...]
Sent: Thursday, 30 May 2002 12:33
To: FT100@yahoogroups.com
Subject: [FT100] Mic Wiring Diagram Page-4

Can someone tell me if the mic jack wiring diagram on page 4 of the
FT-100 manual is correct----ie- second pin from left is Mic IN ?
Thanks.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14393. RE: [FT100] PSK31 Operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 11:26:41 UTC
From: Eric van de Weyer
Topic: 14384  Message: 14393

Why would you want to narrow the passband for PSK31? the idea is that with the 2.4kHz you will see far more potential stations than with only 500Hz. that's one of the beauties of the mode.

73....Eric VK2KUR
-----Original Message-----
From: k8mam2000 [mailto:k8mam@...]
Sent: Thursday, 30 May 2002 12:36
To: FT100@yahoogroups.com
Subject: [FT100] PSK31 Operation

Is there any way to select the 500 Hz CW filter while in the SSB mode for PSK31 operation? What options are there to narrow the passband operating PSK31?

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[Non-text portions of this message have been removed]

# 14394. AW: [FT100] DCS Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 11:45:22 UTC
From: Markus.Homma@t-online.de
Topic: 14375  Message: 14394

> -----Ursprungliche Nachricht-----
> Von: BRENT PAYNE [mailto:n9zr2002@...]
> Gesendet: Donnerstag, 30. Mai 2002 05:54
> An: FT100@yahoogroups.com
> Betreff: Re: [FT100] DCS Problem
>
>
> Hello Mark, The TX DCS And CTCS Level is set to hi.
> To set that level you must go inside of the
> Radio,please use caution. 73s Brent N9ZR
>

Hello Brent,

tnx fer the info.
Thats what i also think.
Anybody outside with a service manual who can tell
me how to set the DCS level?

Any help is appreciated!

Markus
DL1EIO

# 14395. No, it's not a XM radio!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 12:18:54 UTC
From: Gary Mitchelson
Topic: 14395  Message: 14395

I now have been asked if FT100 (faceplate integrated into the dash below the AM/FM radio) is a XM radio, and now someone asked me if my 8' tall, 2.5" diameter, Cap Hat topped Hi-Q HF antenna is a XM radio antenna.

I think it just may be easier to answer yes, or use that answer when people ask what that is. The XM people will start to have to field calls on why their antenna is so big!

Gary
N3JPU

# 14396. Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 12:33:12 UTC
From: ng3f
Topic: 14396  Message: 14396

I just purchase a FT-100D, still waiting for it to arrive.
I'm looking for an inexpense ps to use with the 100D.
Inexpensive, because the 100D will mostly be used mobile but
I need a ps for the occasional portable use only.
I've seen the Samlex SEC-1223 for $90 to $110.
Any comments or suggestions will be appreciated.

TNX & 73's
Chris NG3F

# 14397. RE: [FT100] Is the Control Head built to take it?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 14:40:41 UTC
From: Schachter, Abe
Topic: 14388  Message: 14397

Ken,

I take a slightly more low-tech approach to concealing the control head. Mine is mounted on a free standing R-A-M flex arm (available from HRO and others) such that I can easily toss a baseball cap over the control head so there is nothing to see. Peering into the car from the outside does not give a clue as to what is there. Of course the license plate and the big screwdriver antenna are known to attract attention both on and off the road HI HI HI.

73,
Abe N3BBF

"If you think technology can solve your security problems,
then you don't understand the problems and you don't
understand the technology."
-Bruce Schneier, Secrets and Lies

-----Original Message-----
From: KennerNW [mailto:evans_ke@...]
Sent: Thursday, May 30, 2002 12:51 AM
To: FT100@yahoogroups.com
Subject: [FT100] Is the Control Head built to take it?

I am thinking about buying an FT-100D at a Hamfest this weekend. I love the reviews and great feedback that I have found on this board, but have one question that doesn't seem to have been addressed here. I would like to mount the unit in the dash of my Jeep Wrangler and remove the control head and stow it out of sight like a car stero face plate. Is this feasible? Are the contectors on the CH built to take the stress of this on and off action or will I end up breaking something.

Thank you for your advice,

- Ken, WB2FXG

# 14398. Re: Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 15:10:56 UTC
From: tdc455
Topic: 14396  Message: 14398

--- In FT100@y..., "ng3f" <ng3f@a...> wrote:
> I just purchase a FT-100D, still waiting for it to arrive.
> I'm looking for an inexpense ps to use with the 100D.
> Inexpensive, because the 100D will mostly be used mobile but
> I need a ps for the occasional portable use only.
> I've seen the Samlex SEC-1223 for $90 to $110.
> Any comments or suggestions will be appreciated.
>
> TNX & 73's
> Chris NG3F

Chris,
You'll need to make sure that the P/S you are considering is designed to be used with communications equipment. It must have decent quality filters to eliminate any unwanted noise. Low cost power supplies are usually unfiltered. Tripplite and Astron both make very good power supplies. Hope this helps.

73 de Tim W9TDC

# 14399. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 13:20:57 UTC
From: Doug Cooke
Topic: 14396  Message: 14399

> I just purchase a FT-100D, still waiting for it to arrive.
> I'm looking for an inexpense ps to use with the 100D.
> Inexpensive, because the 100D will mostly be used mobile but
> I need a ps for the occasional portable use only.
> I've seen the Samlex SEC-1223 for $90 to $110.
> Any comments or suggestions will be appreciated.

I've been using the Samlex with my FT-100D for full-time base use. It's small, quiet and I've had no problems at all. Good luck.

--
Doug WB2WBK <dcooke@...>

# 14400. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 15:18:47 UTC
From: Dick Thompson
Topic: 14396  Message: 14400

Chris,

When it comes to power supplys, price isn't always the best way to decide. You want real stability, and if you buy the price tag only you may be stepping over dollars to pick up dimes. Go with the best you can afford, but don't make the decision based on the price. You may regret it later. I use and Astron 35 Amp and I run everything off it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: ng3f
To: FT100@yahoogroups.com
Sent: Thursday, May 30, 2002 6:33 AM
Subject: [FT100] Inexpensive PS

I just purchase a FT-100D, still waiting for it to arrive.
I'm looking for an inexpense ps to use with the 100D.
Inexpensive, because the 100D will mostly be used mobile but
I need a ps for the occasional portable use only.
I've seen the Samlex SEC-1223 for $90 to $110.
Any comments or suggestions will be appreciated.

TNX & 73's
Chris NG3F

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[Non-text portions of this message have been removed]

# 14401. RE: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 15:30:57 UTC
From: Jesse
Topic: 14396  Message: 14401

Run a extra long power cable from the battery of your vehicle to the radio in the house. Cost of wire is roughly $10. Fashion a Banana jack to the front of the truck so you can have a quick disconnect. If you park yer vehicle in the same spot every night then you can just cut a line and bury the cable with conduit to keep from having to roll it up...

$30 gets you a small tractor battery. You can run a small charger to keep the battery up.

$80 gets you a UPS system. Has the charger and all built in. Supplies 110 volts when electricity goes out when it switches to battery. I run a older model that has been fixed so that I can run direct off the batteries as backup when the power goes out.

Then you could go for the other PSs. Samlex would be the route to go. They are light weight and easy to carry. A friend has one that we use on SOTA becuase the ladder on the ship is narrow and at times hard to climb.

-----Original Message-----
From: ng3f [mailto:ng3f@...]
Sent: Thursday, May 30, 2002 7:33 AM
To: FT100@yahoogroups.com
Subject: [FT100] Inexpensive PS

I just purchase a FT-100D, still waiting for it to arrive.
I'm looking for an inexpense ps to use with the 100D.
Inexpensive, because the 100D will mostly be used mobile but
I need a ps for the occasional portable use only.
I've seen the Samlex SEC-1223 for $90 to $110.
Any comments or suggestions will be appreciated.

TNX & 73's
Chris NG3F

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<http://us.adserver.yahoo.com/l?M=226014.2032696.3508022.1829184/D=egroupmail/S=1705063108:HM/A=1000239/rand=932126686>

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14402. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 15:38:59 UTC
From: W6MDK@AOL.COM
Topic: 14396  Message: 14402

I am using an Alinco DM-330MV. Great supply.

# 14403. RE: [FT100] Is the Control Head built to take it?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 16:44:03 UTC
From: Paul Manuel
Topic: 14388  Message: 14403

--- "Schachter, Abe" <ans@...> wrote:
> Ken,
>
> I take a slightly more low-tech approach to concealing the control head.
> Mine is mounted on a free standing R-A-M flex arm (available from HRO

I think Ken wanted to do what I am doing. Mine is located where the factory stereo was, not using the separation kit, and I remove the front panel like that of a car stereo. As I said, I have done this for two years with no problems.
73,
Paul K4PDM

_____
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http://fifaworldcup.yahoo.com

# 14404. Re: Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 18:06:08 UTC
From: pa9jj
Topic: 14396  Message: 14404

--- In FT100@y..., Doug Cooke <dcooke@s...> wrote:
> > I just purchase a FT-100D, still waiting for it to arrive.
> > I'm looking for an inexpense ps to use with the 100D.
> > Inexpensive, because the 100D will mostly be used mobile but
> > I need a ps for the occasional portable use only.
> > I've seen the Samlex SEC-1223 for $90 to $110.
> > Any comments or suggestions will be appreciated.
>
I have used the SAMLEX SEC-1223 during my dx-pedition in C56. Made
allmost 5000 qso's with it and no problem.

PA9JJ

# 14405. Re: Is the Control Head built to take it?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 19:19:35 UTC
From: KennerNW
Topic: 14388  Message: 14405

Yes, This is exactly what I hope to do. With the main unit embedded in the dash and the control head (and antenna)removed I feel fairly cofident that an '89 Jeep will not stick out as a likley target.

Thanks for all your great ideas.

- Ken, WB2FXG

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
>
> --- "Schachter, Abe" <ans@c...> wrote:
> > Ken,
> >
> > I take a slightly more low-tech approach to concealing the control head.
> > Mine is mounted on a free standing R-A-M flex arm (available from HRO
>
> I think Ken wanted to do what I am doing. Mine is located where the
> factory stereo was, not using the separation kit, and I remove the front
> panel like that of a car stereo. As I said, I have done this for two years
> with no problems.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
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> http://fifaworldcup.yahoo.com

# 14410. Re: [FT100] atas-100 on 75/80 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-30 23:49:59 UTC
From: John Spiceman
Topic: 14368  Message: 14410

The FT100 will not transmit any higher than 40 mtrs
with the ATAS100 attached and ATAS chosen in the
menus.
Unless someone figures out a way to circumvent that,
your efforts will be fruitless unless you use a tuner
and add some major element length and capacity.

John - WB?RLD

--- wrinks50 <ryann8ry@...> wrote:
> Hello,
>
> Has anyone modified there atas-100 to work on 75/80
> meters, without an
> external tuner????
>
> Ryan N8RY
>
>

_____
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# 14411. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 00:30:54 UTC
From: kevin asato
Topic: 14396  Message: 14411

I have used both the Samlex and Astron power supplies.
I like the Samlex when I travel as it is reasonably
light and can convert to 240VAC/50Hz operation with
the removal of one jumper. That and a power inverter
also allow me to power 12VDC and 120VAC/60Hz devices
from Europe!

kevin
KC6POB

--- ng3f <ng3f@...> wrote:
> I just purchase a FT-100D, still waiting for it to
> arrive.
> I'm looking for an inexpense ps to use with the
> 100D.
> Inexpensive, because the 100D will mostly be used
> mobile but
> I need a ps for the occasional portable use only.
> I've seen the Samlex SEC-1223 for $90 to $110.
> Any comments or suggestions will be appreciated.
>
> TNX & 73's
> Chris NG3F
>
>

_____
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# 14412. Re: Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 00:52:54 UTC
From: ng3f
Topic: 14396  Message: 14412

Thanks all for the input. I orded the Samlex SEC-1223.
Those of you who have used it gave it good reports.
Tnx Agn

Chris NG3F

--- In FT100@y..., "ng3f" <ng3f@a...> wrote:
> I just purchase a FT-100D, still waiting for it to arrive.
> I'm looking for an inexpense ps to use with the 100D.
> Inexpensive, because the 100D will mostly be used mobile but
> I need a ps for the occasional portable use only.
> I've seen the Samlex SEC-1223 for $90 to $110.
> Any comments or suggestions will be appreciated.
>
> TNX & 73's
> Chris NG3F

# 14413. RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 00:54:50 UTC
From: ng3f
Topic: 14413  Message: 14413

Anyone know where I can get a female jack for the
RJ-22 plug that is on the FT-100D microphone?
I'm looking to make up an adapter cable to a 8-pin
jack.

Tnx
Chris NG3F

# 14414. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 01:16:26 UTC
From: A V Flinsch
Topic: 14396  Message: 14414

On Thursday 30 May 2002 08:33 am, you wrote:
> I just purchase a FT-100D, still waiting for it to arrive.
> I'm looking for an inexpense ps to use with the 100D.
> Inexpensive, because the 100D will mostly be used mobile but
> I need a ps for the occasional portable use only.
> I've seen the Samlex SEC-1223 for $90 to $110.
> Any comments or suggestions will be appreciated.
>

That's what I am using, and it works great.

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14415. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 01:43:05 UTC
From: Dick Thompson
Topic: 14413  Message: 14415

Just a thought, but have you tried Radio Shark?

73,

Dick
WB0DUL@...
----- Original Message -----
From: ng3f
To: FT100@yahoogroups.com
Sent: Thursday, May 30, 2002 6:54 PM
Subject: [FT100] RJ-22 Female Jack

Anyone know where I can get a female jack for the
RJ-22 plug that is on the FT-100D microphone?
I'm looking to make up an adapter cable to a 8-pin
jack.

Tnx
Chris NG3F

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14416. RE: [FT100] PSK31 Operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 06:31:06 UTC
From: Lee Devlin
Topic: 14384  Message: 14416

--- Eric van de Weyer <eric@...> wrote:
> Why would you want to narrow the passband for PSK31?
> the idea is that with
> the 2.4kHz you will see far more potential stations
> than with only 500Hz.
> that's one of the beauties of the mode.

The PSK31 mode is indeed beautiful, but it shares a small sliver of spectrum with some bad neighbors, such as the cacophonous PACTOR mode which users can run unattended and at full legal power. These stations will quickly render adjacent PSK signals unreadable unless a narrow filter can be employed. A strong adjacent PACTOR signal will pump the daylights out of the AGC burying the PSK signal. PACTOR is used for sending email and so it will sit there belting out its unpleasant screeching sounds oblivious to any other users on the spectrum, occasionally right on top of them. It's not unusual for it to send the same fragment of email over and over until the receiving station gives it an acknowledgement.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://fifaworldcup.yahoo.com

# 14417. RE: [FT100] PSK31 Operation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 08:26:28 UTC
From: Eric van de Weyer
Topic: 14384  Message: 14417

Hi Lee,

OK, fair comment.

I don't have too much problem along those lines where I live (Sydney, Australia) so haven't had to consider that. I do like the way you can have it sitting on one frequency, 14.070, and see multiple stations coming up over the 3kHz or so of spectrum which is being displayed.

73....Eric VK2KUR
-----Original Message-----
From: Lee Devlin [mailto:lee810@...]
Sent: Friday, 31 May 2002 16:31
To: FT100@yahoogroups.com
Subject: RE: [FT100] PSK31 Operation

--- Eric van de Weyer <eric@...> wrote:
> Why would you want to narrow the passband for PSK31?
> the idea is that with
> the 2.4kHz you will see far more potential stations
> than with only 500Hz.
> that's one of the beauties of the mode.

The PSK31 mode is indeed beautiful, but it shares a small sliver of spectrum with some bad neighbors, such as the cacophonous PACTOR mode which users can run unattended and at full legal power. These stations will quickly render adjacent PSK signals unreadable unless a narrow filter can be employed. A strong adjacent PACTOR signal will pump the daylights out of the AGC burying the PSK signal. PACTOR is used for sending email and so it will sit there belting out its unpleasant screeching sounds oblivious to any other users on the spectrum, occasionally right on top of them. It's not unusual for it to send the same fragment of email over and over until the receiving station gives it an acknowledgement.

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

---------------------------------------------------
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[Non-text portions of this message have been removed]

# 14418. Re: [FT100] DCS Problem II

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 08:39:41 UTC
From: danbay
Topic: 14377  Message: 14418

DCS is digital controlled squelch not a tone BUT there is a shut off tone
at the end of the digital word at the end of the transmission to shut of
the receiving radio's audio be fore carrier drop to stop squelch tail. This
is how Motorola redesigned it's concept in the early 1970's and was the
1st 2-way radio manufacture to market radio's with DCS or with the tone
controlled squelch in there radios.
W1WQ
Bob Daniels

---

> From: Markus.Homma@...
> To: FT100 Group <FT100@yahoogroups.com>
> Subject: [FT100] DCS Problem II
> Date: Wednesday, May 29, 2002 9:46 AM
>
> Hi again,
>
> we also notice a short beep at every end of my transmission.
> So maybe only the level for the DCS Tone is set to high and so it is
> hearible
> in the background?
> Is there a possibility to change the level?
>
> vy 73's
> Markus
> DL1EIO
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>

# 14419. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 12:10:13 UTC
From: john BUNKER
Topic: 14413  Message: 14419

www.mouser.com has a lot of connectors like you are looking for. Mini 8 pin plugs and jacks, telephone type etc. You can get catalog mailed or use the online one. Nice thing is no min order. You create your own account on line and its very useful for parts. John K4AQU

>From: "Dick Thompson" <wb0dul@...>
>Reply-To: FT100@yahoogroups.com
>To: <FT100@yahoogroups.com>
>Subject: Re: [FT100] RJ-22 Female Jack
>Date: Fri, 31 May 2002 19:43:05 -0600
>
>Just a thought, but have you tried Radio Shark?
>
>73,
>
>Dick
>WB0DUL@...
> ----- Original Message -----
> From: ng3f
> To: FT100@yahoogroups.com
> Sent: Thursday, May 30, 2002 6:54 PM
> Subject: [FT100] RJ-22 Female Jack
>
>
> Anyone know where I can get a female jack for the
> RJ-22 plug that is on the FT-100D microphone?
> I'm looking to make up an adapter cable to a 8-pin
> jack.
>
> Tnx
> Chris NG3F
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>

>[Non-text portions of this message have been removed]
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
Chat with friends online, try MSN Messenger: http://messenger.msn.com

# 14420. Re: [FT100] Inexpensive PS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 12:15:09 UTC
From: john BUNKER
Topic: 14396  Message: 14420

SEC1223 use them all time good P>S> Get HRO

>From: Doug Cooke <dcooke@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: Re: [FT100] Inexpensive PS
>Date: Thu, 30 May 2002 06:20:57 -0700
>
> > I just purchase a FT-100D, still waiting for it to arrive.
> > I'm looking for an inexpense ps to use with the 100D.
> > Inexpensive, because the 100D will mostly be used mobile but
> > I need a ps for the occasional portable use only.
> > I've seen the Samlex SEC-1223 for $90 to $110.
> > Any comments or suggestions will be appreciated.
>
>I've been using the Samlex with my FT-100D for full-time base use. It's
>small, quiet and I've had no problems at all. Good luck.
>
>--
>Doug WB2WBK <dcooke@...>
>
>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
Send and receive Hotmail on your mobile device: http://mobile.msn.com

# 14422. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 15:01:28 UTC
From: Dick Thompson
Topic: 14413  Message: 14422

Thanks for that information, John. I have never heard of mouser.com but will check it out.

73,

Dick
WB0DUL@...
----- Original Message -----
From: john BUNKER
To: FT100@yahoogroups.com
Sent: Friday, May 31, 2002 6:10 AM
Subject: Re: [FT100] RJ-22 Female Jack

www.mouser.com has a lot of connectors ...

.

[Non-text portions of this message have been removed]

# 14423. ATAS $208.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 15:27:46 UTC
From: lhlousek
Topic: 14423  Message: 14423

I don't know if this has been mentioned on this list yet but www.gigaparts.com has the ATAS-100 antenna listed for
$208. It says the last day for ordering is today... May 31. Perhaps they are trying to unload them before the ATAS-120
hits the shelves. At any rate, it's a great price.

Lou W7DZN

# 14424. RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 17:02:20 UTC
From: Pres Waterman
Topic: 14413  Message: 14424

Subject: [FT100] RJ-22 Female Jack

Anyone know where I can get a female jack for the
RJ-22 plug that is on the FT-100D microphone?
I'm looking to make up an adapter cable to a 8-pin
jack.

It's actually RJ-12 which is a 6-position, 6-pin telephone plug ( used for 2 or 3-lines )... it looks quite like the 6-position 4-pin plug called RJ-11

Radio Shack sells a wall-surface-mount jack for a little over $6 for this 6-pin plug.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14425. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 18:37:18 UTC
From: Michael A. Waldron
Topic: 14413  Message: 14425

I made my accessories out of BellSouth 3 line "freedom phone" parts that I found at the local Mernards (home improvement store). I was able to buy MIC extensions, 6/6 RJ-22 connectors, etc.

I ended up using a small cable (1') with a coupler on the end so I didn't have to remove the faceplate each time I switched microphones or used the rigblaster.

I also made a RJ-22 -> Yaesu 8Pin MIC cable so I could use my MD-100a8x. This way I only needed 1 coupler, and didn't have to deal with female connectors much.

All is good if I just had my FT-100 back. UPS evidently used it as a kickball and snapped my faceplate in half when I sent it in for the modifications. Yaesu is giving me the runaround, it's just generally unpleasant. I hope to have a radio for field day...

I have a great new frequency entry keypad for it when it gets home though :)

-Mike

At 01:02 PM 5/31/2002 -0400, you wrote:
> Subject: [FT100] RJ-22 Female Jack
>
>
> Anyone know where I can get a female jack for the
> RJ-22 plug that is on the FT-100D microphone?
> I'm looking to make up an adapter cable to a 8-pin
> jack.
>
>
>It's actually RJ-12 which is a 6-position, 6-pin telephone plug ( used for 2
>or 3-lines )... it looks quite like the 6-position 4-pin plug called RJ-11
>
>Radio Shack sells a wall-surface-mount jack for a little over $6 for this
>6-pin plug.
>
>
>Thanks
>
>Pres Waterman W2PW
>c/o Patchogue Motors, Inc.
>Long Island Ford and Kia dealer
>
>GO BILLS!
>©¿©

>
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

---
Michael A. Waldron, AE0MW
http://www.mikew.org
PGP: http://www.mikew.org/mypgpkey.txt

# 14426. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 19:58:04 UTC
From: Michael Ziebell
Topic: 14413  Message: 14426

I think what your looking for is a 6 position plug aka, RJ-12. I bought a bag of fifty from Great Cables. It'll take the round network cable instead of the flat telephone cable. On the other end you can just use an eight position plug aka RJ-45. These are easier to get, even for the connector end.
Good Luck 73,
Mike... KG6JMM
ng3f <ng3f@...> wrote: Anyone know where I can get a female jack for the
RJ-22 plug that is on the FT-100D microphone?
I'm looking to make up an adapter cable to a 8-pin
jack.

Tnx
Chris NG3F

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---
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[Non-text portions of this message have been removed]

# 14427. Radio install in new Honda Civic

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 20:22:45 UTC
From: Steven M. Palm
Topic: 14371  Message: 14427

You guys are always great inspiration and an insightful lot. :-)

Seriously, so I'm asking for pointers.

Traded in the old car which was pretty fully loaded with gear for a new 2002 Honda Civic.

Any sites/info on the net for pointers on mounting locations / ideas, wiring, routing, etc?

I've got the FT-100D and the ATAS-100, plus the Kenwood TM-742 (w/triplexer for 2/220/440) at least.

Thanks everyone in advance,

Steve

---
- Steven M. Palm
- Ham Radio Call: N9YTY
---

# 14428. RE: [FT100] Radio install in new Honda Civic

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-05-31 20:30:58 UTC
From: Marshall, Keith
Topic: 14371  Message: 14428

Hello Steve,
I have a 2001 Civic LX and run the FT-100 mounted under the passenger seat and the ATAS-100 on a license plate mount. Also run the Diamond SG7900A on the K600M mounted to the left side of the deck lid. The control head is mounted in the slot where the CD player would be mounted below the broadcast radio. This is the second Civic I've had set-up this way. The previous Civic was an '88 LX.

Keith, AB8BD

-----Original Message-----
From: Steven M. Palm [mailto:n9yty@...]
Sent: Friday, May 31, 2002 4:23 PM
To: FT100@yahoogroups.com
Subject: [FT100] Radio install in new Honda Civic

You guys are always great inspiration and an insightful lot. :-)

Seriously, so I'm asking for pointers.

Traded in the old car which was pretty fully loaded with gear for a new
2002 Honda Civic.

Any sites/info on the net for pointers on mounting locations / ideas,
wiring, routing, etc?

I've got the FT-100D and the ATAS-100, plus the Kenwood TM-742
(w/triplexer for 2/220/440) at least.

Thanks everyone in advance,

Steve

---
- Steven M. Palm
- Ham Radio Call: N9YTY
---

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 14429. Re: [FT100] RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 02:11:30 UTC
From: Michael Ziebell
Topic: 14413  Message: 14429

Chris (NG3F), I double checked the end of my microphone it is a RJ12. I even mounted one to a piece of scrap cat5 cable and plugged it into the receptacle in the body of the FT-100D. It snapped in like it was made for it. So I don't understand the RJ22? Is that the receptacle connector inside the the radio? Because the microphone end has a RJ12 on it.
73 Mike KG6JMM
Michael Ziebell <mjziebell@...> wrote:
I think what your looking for is a 6 position plug aka, RJ-12. I bought a bag of fifty from Great Cables. It'll take the round network cable instead of the flat telephone cable. On the other end you can just use an eight position plug aka RJ-45. These are easier to get, even for the connector end.
Good Luck 73,
Mike... KG6JMM
ng3f wrote: Anyone know where I can get a female jack for the
RJ-22 plug that is on the FT-100D microphone?
I'm looking to make up an adapter cable to a 8-pin
jack.

Tnx
Chris NG3F

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

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Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14430. ATAS Manual Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 02:25:46 UTC
From: w8dug
Topic: 14430  Message: 14430

Hello group.
My atas is stranded in the down position. When I apply 10v to the coax, nothing happens. When I apply 8.4v I here the faintest of motor sounds. Very very faint. Almost undetectable. The antenna does not move anytime though.
Any thoughts?

w8dug@...

# 14431. ATAS Manual Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 02:25:58 UTC
From: w8dug
Topic: 14430  Message: 14431

Hello group.
My atas is stranded in the down position. When I apply 10v to the coax, nothing happens. When I apply 8.4v I here the faintest of motor sounds. Very very faint. Almost undetectable. The antenna does not move anytime though.
Any thoughts?

w8dug@...

# 14432. Re: RJ-22 Female Jack

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 02:35:08 UTC
From: ng3f
Topic: 14413  Message: 14432

You are right fellas it's a RJ12 not a RJ22.
Thanks for correcting me.

I'm still looking for a female jack to put on the end of a cable.
Good hints/suggestions so far, I just haven't had a change to
check them out.
Thanks

Chris, NG3F

--- In FT100@y..., Michael Ziebell <mjziebell@y...> wrote:

>
> Chris (NG3F), I double checked the end of my microphone it is a
RJ12. I even mounted one to a piece of scrap cat5 cable and plugged
it into the receptacle in the body of the FT-100D. It snapped in like
it was made for it. So I don't understand the RJ22? Is that the
receptacle connector inside the the radio? Because the microphone end
has a RJ12 on it.
> 73 Mike KG6JMM
> Michael Ziebell <mjziebell@y...> wrote:
> I think what your looking for is a 6 position plug aka, RJ-12. I
bought a bag of fifty from Great Cables. It'll take the round network
cable instead of the flat telephone cable. On the other end you can
just use an eight position plug aka RJ-45. These are easier to get,
even for the connector end.
> Good Luck 73,
> Mike... KG6JMM
> ng3f wrote: Anyone know where I can get a female jack for the
> RJ-22 plug that is on the FT-100D microphone?
> I'm looking to make up an adapter cable to a 8-pin
> jack.
>
> Tnx
> Chris NG3F
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
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> Post message: FT100@y...
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> [Non-text portions of this message have been removed]

# 14433. SWR problems on 440MC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 08:18:43 UTC
From: hamradio@tiscali.se
Topic: 14433  Message: 14433

I have read about SWR problems on the old type (first type) of FT-100.
is ther anybody who can give me some tip about this problem exept for
sending it to the radio-repair-man...?
I know it will take at least a moth to get it fixed of him so please?
This is the problem:
On the old type (NOT FT-100D) the SWR icon sometimes appear when I transmit
on 440MC.
Antennas are OK, I have checked with several and dummy load.
I think I can fix it my self if I only get some information about how.
Best regards Peter SM6VKC

hamradio@...

# 14434. RE: [FT100] SWR problems on 440MC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 08:27:41 UTC
From: Eric van de Weyer
Topic: 14433  Message: 14434

If you have a look at any of the messages on this group, you will see at the bottom a link to Lee's (the moderator) FAQ page.

On it are several useful bits of information including how to do the mods complete with some excellent pictures.

In fact, I have just done the mods for a mate of mide this afternoon at our local radio club and it took me about half an hour to do both the SWY mod and the fan mod.

73....Eric VK2KUR

-----Original Message-----
From: hamradio@... [mailto:hamradio@...]
Sent: Saturday, 1 June 2002 18:19
To: ft100@yahoogroups.com
Subject: [FT100] SWR problems on 440MC

I have read about SWR problems on the old type (first type) of FT-100.
is ther anybody who can give me some tip about this problem exept for
sending it to the radio-repair-man...?
I know it will take at least a moth to get it fixed of him so please?
This is the problem:
On the old type (NOT FT-100D) the SWR icon sometimes appear when I transmit
on 440MC.
Antennas are OK, I have checked with several and dummy load.
I think I can fix it my self if I only get some information about how.
Best regards Peter SM6VKC

hamradio@...

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14435. Re: [FT100] ATAS Manual Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 11:32:13 UTC
From: Gerald.Gardner
Topic: 14430  Message: 14435

Apply +12?
Cheers
Gerald
G0HEM
----- Original Message -----
From: "w8dug" <w8dug@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, June 01, 2002 3:25 AM
Subject: [FT100] ATAS Manual Tuning

> Hello group.
> My atas is stranded in the down position. When I apply 10v to the
> coax, nothing happens. When I apply 8.4v I here the faintest of motor
> sounds. Very very faint. Almost undetectable. The antenna does not
> move anytime though.
> Any thoughts?
>
> w8dug@...
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 14436. Re: [FT100] ATAS Manual Tuning

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 11:43:48 UTC
From: john BUNKER
Topic: 14430  Message: 14436

I know one time it happend to me the wire on the P.S. wasn't large enouph, ATAS was not getting the current it neede to operate. Take a SO239 short wires to P.S. and try it. P.S. must be able to handle I also.

>From: "w8dug" <w8dug@...>
>Reply-To: FT100@yahoogroups.com
>To: FT100@yahoogroups.com
>Subject: [FT100] ATAS Manual Tuning
>Date: Sat, 01 Jun 2002 02:25:58 -0000
>
>Hello group.
>My atas is stranded in the down position. When I apply 10v to the
>coax, nothing happens. When I apply 8.4v I here the faintest of motor
>sounds. Very very faint. Almost undetectable. The antenna does not
>move anytime though.
>Any thoughts?
>
>w8dug@...
>
>
>
>Post message: FT100@yahoogroups.com
>Subscribe: FT100-subscribe@yahoogroups.com
>Unsubscribe: FT100-unsubscribe@yahoogroups.com
>List owner: FT100-owner@yahoogroups.com
>FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
>We are all a part of this Lets make it as good as possible.
>
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>
>

---------------------------------------------------------------------
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

# 14437. I finally did it!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 05:14:35 UTC
From: kc0ejr
Topic: 14437  Message: 14437

Well I finally bit the bullit and bought my 100D yesterday, and got it installed in the car this morning! So far I love it. Only had a few hours to play with it though. I also got the ATAS-100 to go with it. Now I'll be able to get the FT900 out and free up a little room. hi hi.

I'll be spending the weekend loading up the memories and playing a little more.

I can honestly say that this group is the main reason why I decided to buy one over a 706 (not that there is anything wrong with them). So I must say thank you to everyone on the board who helped convince me!

73 all
Bill, KC0EJR

# 14438. ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 21:11:49 UTC
From: alpha76234
Topic: 14438  Message: 14438

OKAY HERE IS THE DEAL ..... ATAS-100 WONT GO UP OR DOWN.

HERE IS WHAT I DID:

THERE IS 11.36 VOLTS PRESENT WHEN RADIO IS PLACED IN TUNE, AT THE
ANTENNA CONNECTOR. BUT NO ACTIVITY

TOOK ANTENNA INSIDE AND APLIED 11.36 VOLTS TO IT AND IT STARTED TO
EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.

SQUEEZED CONECTOR PINS TIGHTER, STILL NO ACTIVITY .....

SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN ......
ANY SUGESTIONS ..... YEA I KNOW, SELL IT OR SEND BACK TO THE HOLDING
TANK IN CERITOS ......

PETE N6BXZ FT WORTH TEXAS

# 14439. Re: [FT100] I finally did it!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 21:42:37 UTC
From: Dick Thompson
Topic: 14437  Message: 14439

You're gonna love the little box of knobs & buttons, Bill, despite it's little faults. It's still one of the best on the market.

Congratulations on your new toy.

73,

Dick
WB0DUL@...
----- Original Message -----
From: kc0ejr
To: FT100@yahoogroups.com
Sent: Friday, May 31, 2002 11:14 PM
Subject: [FT100] I finally did it!

Well I finally bit the bullit and bought my 100D yesterday, and got it installed in the car this morning! So far I love it. Only had a few hours to play with it though. I also got the ATAS-100 to go with it. Now I'll be able to get the FT900 out and free up a little room. hi hi.

I'll be spending the weekend loading up the memories and playing a little more.

I can honestly say that this group is the main reason why I decided to buy one over a 706 (not that there is anything wrong with them). So I must say thank you to everyone on the board who helped convince me!

73 all
Bill, KC0EJR

Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14440. Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-01 21:51:22 UTC
From: k5unm
Topic: 14438  Message: 14440

--- In FT100@y..., "alpha76234" <alpha76234@y...> wrote:
> OKAY HERE IS THE DEAL ..... ATAS-100 WONT GO UP OR DOWN.
>
> HERE IS WHAT I DID:
>
> THERE IS 11.36 VOLTS PRESENT WHEN RADIO IS PLACED IN TUNE, AT THE
> ANTENNA CONNECTOR. BUT NO ACTIVITY
>
> TOOK ANTENNA INSIDE AND APLIED 11.36 VOLTS TO IT AND IT STARTED TO
> EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.
>
Put the ATAS100 directly on the radio pigtail output and see if it moves, if so check your coax and mount for a problem. If not then the radio probably needs to go back to Vertex unless you are a skilled SMT tech who has the stereo microscope and can replace some devices. The radio has a 4 terminal regulator which supplies 1 amp at either apprx 8 vdc or 10 vdc for down up. This is more than likely the culprit if not your feedline and mount.

# 14441. FT100-unsubscribe@yahoogroups.com

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 02:14:48 UTC
From: richard fisher
Topic: 6528  Message: 14441

FT100-unsubscribe@yahoogroups.com


---
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# 14442. Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 12:55:01 UTC
From: drbog1
Topic: 14442  Message: 14442

Has anybody mounted an ATAS directly (drill a hole) to the roof of their car/truck? I am considering moving the ATAS from the bed of the Chevy S-10 to a mount on the roof -- so that I can mount a 75 m antenna on the bed. I am concerned that the wind load on the ATAS will result in leaks or worse, a projectile on the highway.

Any advice? Experiences ?

Ralph, KA8ZGM

# 14443. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 13:03:33 UTC
From: Jeff kb2m
Topic: 14438  Message: 14443

I had the same problem with my ATAS-100 when I first put it in. It then dawned on me that when my vehicle was running the problem went away. I checked my battery , which was 3 years old, and found it was marginal. I put a new one in and the antenna then worked fine with the engine off.

73 Jeff kb2m

[Non-text portions of this message have been removed]

# 14444. RE: [FT100] Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 13:19:35 UTC
From: Jack Beckman
Topic: 14442  Message: 14444

>Has anybody mounted an ATAS directly (drill a hole) to the roof of their car/truck?

My ATAS is mounted to the top of my GMC Safari van for the past couple of years. I don't leave it on all the time, but it has been up on the expressway at 70 MPH for extended periods with no problems. The van makes a great ground plane!

Jack WD8CZJ

# 14445. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 13:31:28 UTC
From: alpha
Topic: 14438  Message: 14445

jeff,

well this is a diesel w/ dual batteries. thought of
that and does same with engine on or off ....

it worked okay when i hooked it to the ft100d pig tail
directly as suggested. when i put it back on the mount
it worked okay for 5 or 6 band changes, then locked
up again ..... gues i will go back to hamsticks, the
always worked .... :(

pete n6bxz ft worth
--- Jeff kb2m <kb2wqm@...> wrote:
> I had the same problem with my ATAS-100 when I first
> put it in. It then dawned on me that when my vehicle
> was running the problem went away. I checked my
> battery , which was 3 years old, and found it was
> marginal. I put a new one in and the antenna then
> worked fine with the engine off.
>
> 73 Jeff kb2m
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
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# 14446. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 14:55:13 UTC
From: n4xeo
Topic: 14438  Message: 14446

At 06:31 AM 6/2/2002 -0700, you wrote:
>jeff,
>
>well this is a diesel w/ dual batteries. thought of
>that and does same with engine on or off ....
>
>it worked okay when i hooked it to the ft100d pig tail
>directly as suggested. when i put it back on the mount
>it worked okay for 5 or 6 band changes, then locked
>up again ..... gues i will go back to hamsticks, the
>always worked .... :(

Well if it works ok going direct to the radio I would look REAL close at the coax and also the ground at the antenna. Sounds like you might have a bad ground even though you might think it is good. Put a ohm meter on it and go to your battery and see what you have. Just because a ohm meter might show that you have a good ground locally, it doesn't mean that you have a COMPLETE ground back to your battery!! This would also affect the way that it would work on the air.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://www.fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 14447. RE: [FT100] ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 15:19:01 UTC
From: Jesse
Topic: 14438  Message: 14447

Havn't been following this one... But have you checked your coax? what is the length of coax?
Seems that you have it going up but are you able to get it do go down?

I had this problem with it not functioning properly. But I was running a coax length of 100' and it would word about 10-30% of the time. I did double check for bad coax and found a bad piece. After replacing I still had the some problem. I then changed the SO-239 connector on my mount and got it working 50% of the time.... Knowing this has helped me plan my portable station setups. I have gotten 25-50ft. lengths of coax to work 100% of the time.. Just the antenna tunes really slow.

-----Original Message-----
From: alpha76234 [mailto:alpha76234@...]
Sent: Saturday, June 01, 2002 4:12 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS-100 MALFUNCTION

OKAY HERE IS THE DEAL ..... ATAS-100 WONT GO UP OR DOWN.

HERE IS WHAT I DID:

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SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN ......
ANY SUGESTIONS ..... YEA I KNOW, SELL IT OR SEND BACK TO THE HOLDING TANK IN CERITOS ......

PETE N6BXZ FT WORTH TEXAS

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[Non-text portions of this message have been removed]

# 14448. RE: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 15:30:30 UTC
From: Jesse
Topic: 14438  Message: 14448

well, the other thing you can check is the GND at the radio... I had
that problem with it not being able to tune certain bands. 20M was the
one that had the most problems.. All I did is take a short GND strap
from the radio to the metel of the seat of my suburban which was
attached to the frame of the trunk.. Fixed 99% of my tuning problems.

Running a ATAS on a mag mount.

-----Original Message-----
From: alpha [mailto:alpha76234@...]
Sent: Sunday, June 02, 2002 8:31 AM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION

jeff,

well this is a diesel w/ dual batteries. thought of
that and does same with engine on or off ....

it worked okay when i hooked it to the ft100d pig tail
directly as suggested. when i put it back on the mount
it worked okay for 5 or 6 band changes, then locked
up again ..... gues i will go back to hamsticks, the
always worked .... :(

pete n6bxz ft worth
--- Jeff kb2m <kb2wqm@...> wrote:
> I had the same problem with my ATAS-100 when I first
> put it in. It then dawned on me that when my vehicle
> was running the problem went away. I checked my
> battery , which was 3 years old, and found it was
> marginal. I put a new one in and the antenna then
> worked fine with the engine off.
>
> 73 Jeff kb2m
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

---
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[Non-text portions of this message have been removed]

# 14449. Bumper mounting ATAS-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 15:30:51 UTC
From: Raja Chatterjee
Topic: 14449  Message: 14449

Has anyone bumper mounted an ATAS-100?
I know we're supposed to keep the body of the antenna above the car, but I have some environmental issues can't get around.
All of my mechanical probs would be solved by mounting the ATAS on the rear bumper of my GMC Sonoma Crew Cab.

BTW, mobile HF rocks! EA8BGY on 20m while going to pick the XYL up from work for dinner. (EA8BGY is Canary Islands).

I love this little rig. I bought it 1 month ago and it runs the fans on VHF xmit and there are no SWR probs. I will open it up soon to make sure the mods have been done, but it behaves like they have been done.

-raja
--
73's de KB6MTH
ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
Lati: 36° 06' 55" N
Long: 80° 21' 18" W
Grid: EM96TC
County: Forsyth

# 14450. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 17:01:29 UTC
From: Dick Thompson
Topic: 14438  Message: 14450

It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT-100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine screw with a wing nut to have a chassis ground on this radio? I run mine an a Ford F-250 Pickup XLT Lariat. The front seats are bucket type with a large vinyl type material console between the seats. I have the quick disconnect Yaesu mobile mount, but the base of the mount is bolted to the front of the console with no place to ground it.

I've thought about adding a grounding point on the rear of the radio and using a braid strap from a bold on the seats and then connect the free end to the rig when I put it in. But this radio serves dual purpose (mobile and in house) and it would be a pain in the rear to connect and then disconnect the ground everytime I put the radio in the truck or take it out.

I have a FT-920 in the shack and an Alinco 2 meter. I like the availability of 70cm and multi-band scanning with the 100D, thus the reasoning for in and out of the vehicle.

So, any comments about drilling a hole in the back and adding a ground lug would be appreciated, especially if someone has already done it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 9:30 AM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

well, the other thing you can check is the GND at the radio...

[Non-text portions of this message have been removed]

# 14451. Re: [FT100] Bumper mounting ATAS-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 17:12:27 UTC
From: n4xeo
Topic: 14449  Message: 14451

At 11:30 AM 6/2/2002 -0400, you wrote:
>I love this little rig. I bought it 1 month ago and it runs the fans on VHF
>xmit and there are no SWR probs. I will open it up soon to make sure the
>mods have been done, but it behaves like they have been done.
>
>-raja
>--
>73's de KB6MTH

If the fans don't come on after it has been sitting in RX mode for a while, then the fan mod HAS NOT been done and will need to be done. On a warm day you should hear the fans come on after a very short time if the car has been closed up. Here in Florida, when I get off of work and turn mine on the fans start to run instantly because it is so hot in my van.
A good test would be to put it on hf and wait until the fan runs in rx and then switch to VHF or uhf rx and see if they come on again....If not then you need the mod!!

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://www.fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 14452. Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 17:21:08 UTC
From: Tim
Topic: 14452  Message: 14452

> It amazes me that Yaesu didn't see fit to put a ground point on the
> back of the FT-100/100D. Has anyone drilled a hole the the back (at
> an accesible point), added a machine screw with a wing nut to have a
> chassis ground on this radio?
>
> I've thought about adding a grounding point on the rear of the radio
> and using a braid strap from a bold on the seats and then connect the
> free end to the rig when I put it in. But this radio serves dual
> purpose (mobile and in house) and it would be a pain in the rear to
> connect and then disconnect the ground everytime I put the radio in
> the truck or take it out.
>
> So, any comments about drilling a hole in the back and adding a ground
> lug would be appreciated, especially if someone has already done it.
>
> Dick
> WB0DUL

What about those four nice pre-drilled
bolt holes for the mounting bracket?

Why not just attach a eyelet equipped
flat braided copper strap to one of the
four mounting holes, and let the lead hang
back, like all the others?

I also carry mine to the house and back. I
use the quick mount, and I just disconnect
the leads (various connectors) on the back
part of the radio, remove the back part
from the car mounting bracket,
(in a mounted box in the trunk,) disconnect
the faceplate in the car, and carry the two
pieces in a padded bag into the house
(motel, camp, etc.).

What's one more lead?

--
Tim
--------------------
Tea IS my Religion!

[Non-text portions of this message have been removed]

# 14453. Re: Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 17:21:43 UTC
From: backhoefade
Topic: 14324  Message: 14453

Someone else suggested that you might have the rig in the ALC meter mode. I'll bet that's the case. Still, I'm curious; do you continue to hear voices even after the receiver is shut off?

73 N6AF Chas

--- In FT100@y..., W6MDK@A... wrote:
> I agree. It was a smart thing to do.
>
> As long as we're on this topic, I'm going to move to a different area and ask
> if I am halucinating or if anyone else has experoienced this. According to
> th manual and everything else I have read, the SWR meter should move to
> minimum when the SWR decreases. Mine appears to do the oppositie. In other
> words, it seems that more bars = lower SWR. I figure either I am completely
> insane, or the thing is actually working this way.
>
> Can anyone spot some obvious (or not so obvious) error I am making here?
>
> 73,
>
> Mike
> W6MDK

# 14454. Re: [FT100] Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 17:40:18 UTC
From: Dick Thompson
Topic: 14452  Message: 14454

Thanks, Tim...

I'll give that some thought. Will be out of here for vacation, so won't be able to find time before we leave. Maybe a short pigtail braid woth a lug on one end, placed under the quick disconnect on the radio. And at the end of that pigtail a male or female connector to mate with one permanently bolted to a ground point on the chasis. Is that what you were suggesting or am I off in left field? I don't have the remote control head separation kit, so I can't utilize that.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Tim
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 11:21 AM
Subject: [FT100] Re: "Body Ground Point"

> It amazes me that Yaesu didn't see fit to put a ground point on the
> back of the FT-100/100D. Has anyone drilled a hole the the back (at
> an accesible point), added a machine screw with a wing nut to have a
> chassis ground on this radio?
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> and using a braid strap from a bold on the seats and then connect the
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> purpose (mobile and in house) and it would be a pain in the rear to
> connect and then disconnect the ground everytime I put the radio in
> the truck or take it out.
>
> So, any comments about drilling a hole in the back and adding a ground
> lug would be appreciated, especially if someone has already done it.
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> Dick
> WB0DUL

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flat braided copper strap to one of the
four mounting holes, and let the lead hang
back, like all the others?

I also carry mine to the house and back. I
use the quick mount, and I just disconnect

the leads (various connectors) on the back
part of the radio, remove the back part
from the car mounting bracket,
(in a mounted box in the trunk,) disconnect
the faceplate in the car, and carry the two
pieces in a padded bag into the house
(motel, camp, etc.).

What's one more lead?

--
Tim
---
Tea IS my Religion!

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14455. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 18:04:21 UTC
From: Jim Lasswell
Topic: 14438  Message: 14455

Hi Dick.. I had the same problem until I took a piece of coax, striped the shield from it and used it as a ground strap on both sides of the mounting bracket into the rig and then to a chassis ground. Works great and, it may even start to grow potatoes it is grounded so well. Good luck and 73's de Jim AD6DW

----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 10:01 AM
Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION

It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT-100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine screw with a wing nut to have a chassis ground on this radio? I run mine an a Ford F-250 Pickup XLT Lariat. The front seats are bucket type with a large vinyl type material console between the seats. I have the quick disconnect Yaesu mobile mount, but the base of the mount is bolted to the front of the console with no place to ground it.

I've thought about adding a grounding point on the rear of the radio and using a braid strap from a bold on the seats and then connect the free end to the rig when I put it in. But this radio serves dual purpose (mobile and in house) and it would be a pain in the rear to connect and then disconnect the ground everytime I put the radio in the truck or take it out.

I have a FT-920 in the shack and an Alinco 2 meter. I like the availability of 70cm and multi-band scanning with the 100D, thus the reasoning for in and out of the vehicle.

So, any comments about drilling a hole in the back and adding a ground lug would be appreciated, especially if someone has already done it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 9:30 AM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

well, the other thing you can check is the GND at the radio...

[Non-text portions of this message have been removed]

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# 14456. RE: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 18:22:39 UTC
From: alpha
Topic: 14438  Message: 14456

jesse,

well it is now working off and on.... but i will check
the ground at the radio. i use the slide mount also
.... wonder if the slide mount does do a ground ???
will grab the ohm meter and see .....

pete, n6bxz ft worth

--- Jesse <jesse@...> wrote:
> well, the other thing you can check is the GND at
> the radio... I had
> that problem with it not being able to tune certain
> bands. 20M was the
> one that had the most problems.. All I did is take a
> short GND strap
> from the radio to the metel of the seat of my
> suburban which was
> attached to the frame of the trunk.. Fixed 99% of my
> tuning problems.
>
> Running a ATAS on a mag mount.
>
>
>
> -----Original Message-----
> From: alpha [mailto:alpha76234@...]
> Sent: Sunday, June 02, 2002 8:31 AM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION
>
>
> jeff,
>
> well this is a diesel w/ dual batteries. thought of
> that and does same with engine on or off ....
>
> it worked okay when i hooked it to the ft100d pig
> tail
> directly as suggested. when i put it back on the
> mount
> it worked okay for 5 or 6 band changes, then locked
> up again ..... gues i will go back to hamsticks,
> the
> always worked .... :(
>

>
> pete n6bxz ft worth
> --- Jeff kb2m <kb2wqm@...> wrote:
> > I had the same problem with my ATAS-100 when I
> first
> > put it in. It then dawned on me that when my
> vehicle
> > was running the problem went away. I checked my
> > battery , which was 3 years old, and found it was
> > marginal. I put a new one in and the antenna then
> > worked fine with the engine off.
> >
> > 73 Jeff kb2m
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
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# 14457. RE: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 18:42:29 UTC
From: Jesse
Topic: 14438  Message: 14457

ya pete, seems its either the GND or COAX.

I'll give you a example how I have mine setup.
I have a 95 suburban. Using a Wilson 1000 Magnet on the top towards the rear. The coax is ~18ft long.
The radio is mounted under the rear seat in the middle of the longest seat. PWR cables are rounted along the driverside under the covers for the doors. I have the mount that came with the radio and my GND which is about 6" long is on one of the bolts that connects to the bracket then into the radio. The GND strap goes to the Seat bottom which goes to the Frame of the truck.

I never used the slide out. Possible where the slide bracket mates with the radio bracket you may want to scape alittle paint on the bracket itself. You probably getting a GND through the coax and the DC line but sometimes the path is to long. Atlest that is the only some of us has come up with.

I believe there is a screw on the back up the radio you can use.. but knowing why you bought the quick release.. you don't intend to keep it in the truck. I would try a short GND and see if that works. Then figure out how to implment the quick release and the GND so its not tied to the radio.

One thought. I take it you have one of the new Fords? Which means everything in the passenger compartment is plastic except the one bolt that hold the cab of the truck which is under the carpet up by the Firewall/Transmission hump.. Run a GND from your quick release to that bolt and see if anything changes.. Or run it first to the radio itself and then to the mount and see if you can catch a GND...

Another thought is to make a GND with a Alligator Clip from that special bolt and then clip it to the radio when you slide it in.

-----Original Message-----
From: alpha [mailto:alpha76234@...]
Sent: Sunday, June 02, 2002 1:23 PM
To: FT100@yahoogroups.com
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

jesse,

well it is now working off and on.... but i will check
the ground at the radio. i use the slide mount also
.... wonder if the slide mount does do a ground ???
will grab the ohm meter and see .....

pete, n6bxz ft worth

--- Jesse <jesse@...> wrote:
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> one that had the most problems.. All I did is take a
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> attached to the frame of the trunk.. Fixed 99% of my
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>
> Running a ATAS on a mag mount.
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> -----Original Message-----
> From: alpha [mailto:alpha76234@...]
> Sent: Sunday, June 02, 2002 8:31 AM
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION
>
>
> jeff,
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> well this is a diesel w/ dual batteries. thought of
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> it worked okay when i hooked it to the ft100d pig
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> > worked fine with the engine off.
> >

> > 73 Jeff kb2m
> >
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[Non-text portions of this message have been removed]

# 14458. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 18:53:57 UTC
From: Jim Dennis (wb8nbi)
Topic: 14438  Message: 14458

I use one of the moble mount screws to ground my ft-100,
It works fine and is easy to remove to take the radio moble. also use it to grount to the car. That way no new holes in the radio.
----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 1:01 PM
Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION

It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT-100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine screw with a wing nut to have a chassis ground on this radio? I run mine an a Ford F-250 Pickup XLT Lariat. The front seats are bucket type with a large vinyl type material console between the seats. I have the quick disconnect Yaesu mobile mount, but the base of the mount is bolted to the front of the console with no place to ground it.

I've thought about adding a grounding point on the rear of the radio and using a braid strap from a bold on the seats and then connect the free end to the rig when I put it in. But this radio serves dual purpose (mobile and in house) and it would be a pain in the rear to connect and then disconnect the ground everytime I put the radio in the truck or take it out.

I have a FT-920 in the shack and an Alinco 2 meter. I like the availability of 70cm and multi-band scanning with the 100D, thus the reasoning for in and out of the vehicle.

So, any comments about drilling a hole in the back and adding a ground lug would be appreciated, especially if someone has already done it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 9:30 AM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

well, the other thing you can check is the GND at the radio...

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14459. re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 18:53:15 UTC
From: Daniel L. Walz
Topic: 14438  Message: 14459

Pete, You may have already checked them BUT it is very critical that you have a GOOD GROUND both at the radio and antenna. Depending on your antenna installation you may need to run some grounds. I ran into a very similar problem a few weeks ago and after some checking found that where the connector base was mounted that a little corrosion had built up under the mount, after cleaning it up all worked well. Just recheck all grounds and by this I mean check them physically take them apart and check them, that is where I made my mistake at first. It about drove me nuts!! ..............Good luck...KØDLW

OKAY HERE IS THE DEAL ..... ATAS-100 WONT GO UP OR DOWN.

HERE IS WHAT I DID:

THERE IS 11.36 VOLTS PRESENT WHEN RADIO IS PLACED IN TUNE, AT THE ANTENNA CONNECTOR. BUT NO ACTIVITY

TOOK ANTENNA INSIDE AND APPLIED 11.36 VOLTS TO IT AND IT STARTED TO EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.

SQUEEZED CONNECTOR PINS TIGHTER, STILL NO ACTIVITY .....

SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN ......
ANY SUGGESTIONS ..... YEA I KNOW, SELL IT OR SEND BACK TO THE HOLDING TANK IN CERITOS ......

PETE N6BXZ FT WORTH TEXAS

[Non-text portions of this message have been removed]

# 14460. Re: [FT100] re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 19:36:00 UTC
From: alpha
Topic: 14438  Message: 14460

i got 2 grounding straps from the autoparts store,
heavy braided type, got one at antenna base now i am
going to put one at the radio. been getting lotsa
sugestions and do appriciate them .......

pete n6bxz ft worth

--- "Daniel L. Walz" <dwalz@...> wrote:
> Pete, You may have already checked them BUT it is
> very critical that you
> have a GOOD GROUND both at the radio and antenna.
> Depending on your
> antenna installation you may need to run some
> grounds. I ran into a very
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> grounds and by this I mean check them physically
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> check them, that is where I made my mistake at
> first. It about drove me
> nuts!! ..............Good luck...K?DLW
>
>
> OKAY HERE IS THE DEAL ....... ATAS-100 WONT GO UP OR
> DOWN.
>
> HERE IS WHAT I DID:
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> THERE IS 11.36 VOLTS PRESENT WHEN RADIO IS PLACED IN
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> ANTENNA CONNECTOR. BUT NO ACTIVITY
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> TOOK ANTENNA INSIDE AND APPLIED 11.36 VOLTS TO IT
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> EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.
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> SQUEEZED CONNECTOR PINS TIGHTER, STILL NO ACTIVITY
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> SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN
> ......

> ANY SUGGESTIONS ..... YEA I KNOW, SELL IT OR SEND
> BACK TO THE HOLDING
> TANK IN CERITOS ......
>
> PETE N6BXZ FT WORTH TEXAS
>
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>
> [Non-text portions of this message have been
> removed]
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# 14461. RE: [FT100] re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 19:36:29 UTC
From: Jesse
Topic: 14438  Message: 14461

Cool

-----Original Message-----
From: alpha [mailto:alpha76234@...]
Sent: Sunday, June 02, 2002 2:36 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] re:ATAS-100 MALFUNCTION

i got 2 grounding straps from the autoparts store,
heavy braided type, got one at antenna base now i am
going to put one at the radio. been getting lotsa
sugestions and do appriciate them .......

pete n6bxz ft worth

--- "Daniel L. Walz" <dwalz@...> wrote:
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> grounds and by this I mean check them physically
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> check them, that is where I made my mistake at
> first. It about drove me
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> AND IT STARTED TO

> EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.
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> SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN
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> ANY SUGGESTIONS ..... YEA I KNOW, SELL IT OR SEND
> BACK TO THE HOLDING
> TANK IN CERITOS ......
>
> PETE N6BXZ FT WORTH TEXAS
>
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>
> [Non-text portions of this message have been
> removed]
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# 14462. RE: [FT100] Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 20:02:15 UTC
From: Gary Mitchelson
Topic: 14442  Message: 14462

I had mine mounted like that for 2-years before the ATAS succumbed to the matching coil failure syndrome. I have some pics on my website of it.
One bit of advise, do what I did, I used a 12" by about 8" by 1/8" thick aluminum plate under the roof to provide extra support. The plate server a second purpose, proper grounding for the ATAS. At each corner of the plate I had 1" wide ground strap that attached to the nears roof beams. It takes a little bit of work but if you can take the headliner down it's easy (my 2000 Outback was easy).

A dual band antenna now resides there and after 60K miles (50K with the ATAS) I have no leaks either (a little windshield sealant works wonders).

Gary Mitchelson
N3JPU/AFA1PU Montgomery Co. MD FM19
http://mywebpages.comcast.net/n3jpu/
n3jpu@... n3jpu@...
gary.mitchelson@... (work)

-----Original Message-----
From: drbog1 [mailto:rgarono@...]
Sent: Sunday, June 02, 2002 12:55
To: FT100@yahoogroups.com
Subject: [FT100] Wind Load and ATAS

Has anybody mounted an ATAS directly (drill a hole) to the roof of their car/truck? I am considering moving the ATAS from the bed of the Chevy S-10 to a mount on the roof -- so that I can mount a 75 m antenna on the bed. I am concerned that the wind load on the ATAS will result in leaks or worse, a projectile on the highway.

Any advice? Experiences ?

Ralph, KA8ZGM

# 14463. Mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 20:32:53 UTC
From: Olin Boyer
Topic: 14463  Message: 14463

I have a new FT-100D on order, and won't even get it until next week.

I am new to this group, and am concerned about all the talk about "mods" that may or may not need to be made.

Is it possible that any mods needed have already been made by the manufacturer?

I plan to use the unit as a "base station", rather than a mobile, but plan to use the ATAS-100 on a ten-foot mast. I will use the ATBK unit, to insure a good ground plane, and have a Comet duplexer on order so I can get full use from the screwdriver antenna as designed. Comments? Assurances?

Olin Boyer - Tulsa, OK - 77GMCPB
---0-0--------0-> A Clasco Coach

# 14464. Re: [FT100] re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 23:53:32 UTC
From: n4xeo
Topic: 14438  Message: 14464

At 12:36 PM 6/2/2002 -0700, you wrote:
>i got 2 grounding straps from the autoparts store,
>heavy braided type, got one at antenna base now i am
>going to put one at the radio. been getting lotsa
>sugestions and do appriciate them .......
>
>pete n6bxz ft worth

Hi Pete

OAN
Do you have the negative cable run direct to the battery along with the positive???
You really need to have both direct to the battery....

Good luck

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://www.fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 14465. Re: Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 02:12:35 UTC
From: drbog1
Topic: 14442  Message: 14465

Jack & Gary -
Thanks for the info and the advice on the alum. plate. I wonder -
did you operate on 40 m while driving at highway speeds ? I am ready
to get the drill going over here!
RAlph, KA8ZGM

# 14466. Re: Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 04:39:01 UTC
From: k6rcx
Topic: 14442  Message: 14466

Hi Ralph,
I have mounts for the ATAS in the center of the roof on both my S10 blazer and suburban. I don't leave them on full time but they have worked real well over the last 2 years. I did put a 1/16" thick by 10 inch sq steel plate inside the roof to carry some of the load. You do not need any straps etc. Just make sure the mount grounds well to the upper surface of the roof. The ATAS works ALL bands. You DO NOT need a ground at the radio IF you ground well at the roof. On the motor home i had a small problem with RF trying to come down the coax. It has only a partial steel frame. It took a couple of 6M 1/4 wave legs on the glass roof to make it work. Also needed a couple of large ferite beads on the coax. Now works great.

Erwin K6RCX

PS-ATAS has not fallen of at 80+ mph :-)

--- In FT100@y..., "drbog1" <rgarono@e...> wrote:
> Has anybody mounted an ATAS directly (drill a hole) to the roof of
> their car/truck? I am considering moving the ATAS from the bed of
> the Chevy S-10 to a mount on the roof -- so that I can mount a 75 m
> antenna on the bed. I am concerned that the wind load on the ATAS
> will result in leaks or worse, a projectile on the highway.
>
> Any advice? Experiences ?
>
> Ralph, KA8ZGM

# 14467. Re: Mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 04:54:07 UTC
From: k6rcx
Topic: 14463  Message: 14467

Hi Olin,
The mod that is most importent is the "VSWR mod". It adds grounds on the coax going from the PA to the filters inside the radio. It MAY now be standard from the factory, if not you will need it sooner or later. The ATAS likes A LOT of ground plane or metal at the base. Odds are it will not work on the 10 foot mast even with the ATBK (which fixes V-Uhf) You may need to add a number of radials at the base.

Erwin K6RCX

--- In FT100@y..., "Olin Boyer" <olinboyer@c...> wrote:
> I have a new FT-100D on order, and won't even get it until next week.
>
> I am new to this group, and am concerned about all the talk about
> "mods" that may or may not need to be made.
>
> Is it possible that any mods needed have already been made by the
> manufacturer?
>
> I plan to use the unit as a "base station", rather than a mobile, but
> plan to use the ATAS-100 on a ten-foot mast. I will use the ATBK unit,
> to insure a good ground plane, and have a Comet duplexer on order so I
> can get full use from the screwdriver antenna as designed.
Comments?
> Assurances?
>
> Olin Boyer - Tulsa, OK - 77GMCPB
> ---0-0--------0-> A Clasco Coach

# 14468. Re: [FT100] Re: Per Your Advice

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 05:29:29 UTC
From: W6MDK@AOL.COM
Topic: 14324  Message: 14468

I love it, Chas. That was the best quip I've seen on this reflector.

Thanks. I needed that.

73,

Mike
W6MDK

# 14469. Re: [FT100] Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 08:45:55 UTC
From: Tim
Topic: 14452  Message: 14469

Dick Thompson wrote:

> Thanks, Tim...
>
> I'll give that some thought. Will be out of here for vacation, so
> won't be able to find time before we leave. Maybe a short pigtail
> braid with a lug on one end, placed under the quick disconnect on the
> radio. And at the end of that pigtail a male or female connector to
> mate with one permanently bolted to a ground point on the chasis. Is
> that what you were suggesting or am I off in left field?

Get two, a short pigtail, with eyelet's on each end,
and a longer one with the same eyelet's.

Use the smaller one on your radio (one of the
mounting bolts), and mount the larger one to your
vehicle using a self tapping metal screw, or a
convenient chassis bolt.

To connect them use a "dual wing-nut,"
( a wing-bolt, and a wing-nut) with some
matching washers.

By the way, I use stainless whenever possible.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14470. Re: [FT100] Digest Number 1248

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 09:34:25 UTC
From: Dan K Nelson
Topic: 14470  Message: 14470

There are four good chassis ground points on the rig already, where the mounting bracket screws go. Simply attach your ground braid between the mounting bracket and the chassis...

73 de W6DKN

>Message: 6
> Date: Sun, 2 Jun 2002 11:01:29 -0600
> From: "Dick Thompson" <wb0dul@...>
>Subject: Re: Re: ATAS-100 MALFUNCTION
>
>It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT->100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine >screw with a wing nut to have a chassis ground on this radio?
<<< SNIP >>>

# 14471. Re: [FT100] re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 09:49:08 UTC
From: alpha
Topic: 14438  Message: 14471

the truck bateries are connected with ground cable,
the cable from the radio goes directly to the bat.

pete
--- n4xeo <n4xeo@...> wrote:
> At 12:36 PM 6/2/2002 -0700, you wrote:
> >i got 2 grounding straps from the autoparts store,
> >heavy braided type, got one at antenna base now i
> am
> >going to put one at the radio. been getting lotsa
> >sugestions and do appriciate them .......
> >
> >pete n6bxz ft worth
>
>
> Hi Pete
>
> OAN
> Do you have the negative cable run direct to the
> battery along with the
> positive???
> You really need to have both direct to the
> battery....
>
> Good luck
>
>
>
> 73, Bill N4XEO
>
> E- Mail mailto: n4xeo@...
> home page: http://www.qsl.net/n4xeo
> F.A.D.C.A.: http://www.fadca.org
> FPAC: http://www.qsl.net/fpac
> ICQ: 19219163
>
>
>

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# 14472. DCS Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 12:40:24 UTC
From: Markus.Homma@t-online.de
Topic: 14375  Message: 14472

Hi,

thanks for all the replies.
Unfortunately there was nobody with a service manual who
told me how to set the dcs level.
So today i sent the unit back to the dealer and he will check
the dcs level.

I worked some stations with the FT-100D and the FC-20 on shortwave
and i'am very impressed.
The old swr problem seems to be solved...No problem with this little gremlin
;-)
and the FT-100D was working without problems.
We will see whats up with the dcs...hope that the i have the unit back as
fast as
possible. :-)

Stay tuned!

Markus
DL1EIO

[Non-text portions of this message have been removed]

# 14473. RE: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 22:07:56 UTC
From: Richard W. Solomon
Topic: 14438  Message: 14473

Yes, I did just that several months ago (added ground point).
Just be careful.

73, Dick, W1KSZ

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Sunday, June 02, 2002 1:01 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION

It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT-100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine screw with a wing nut to have a chassis ground on this radio? I run mine an a Ford F-250 Pickup XLT Lariat. The front seats are bucket type with a large vinyl type material console between the seats. I have the quick disconnect Yaesu mobile mount, but the base of the mount is bolted to the front of the console with no place to ground it.

I've thought about adding a grounding point on the rear of the radio and using a braid strap from a bold on the seats and then connect the free end to the rig when I put it in. But this radio serves dual purpose (mobile and in house) and it would be a pain in the rear to connect and then disconnect the ground everytime I put the radio in the truck or take it out.

I have a FT-920 in the shack and an Alinco 2 meter. I like the availability of 70cm and multi-band scanning with the 100D, thus the reasoning for in and out of the vehicle.

So, any comments about drilling a hole in the back and adding a ground lug would be appreciated, especially if someone has already done it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 9:30 AM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

well, the other thing you can check is the GND at the radio...

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com

Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14474. Re: [FT100] Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 23:01:32 UTC
From: Norm, W3IZ
Topic: 14452  Message: 14474

That's what I used. A short 6" piece of braid from the mounting screw to the body. Cut out some RFI in stereo too. A-freakin'-mazing
What about those four nice pre-drilled
bolt holes for the mounting bracket?

[Non-text portions of this message have been removed]

# 14475. RE: [FT100] Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-02 23:20:35 UTC
From: Leo Bosard
Topic: 14442  Message: 14475

I mounted my to the roof of my minivan about 10 months ago using a NMO mount I already had in place from my dualband 1/4 wave. I have not had any trouble from the mounting at all. I used a NMO adapter between the ATAS and the NMO mount and when I do need to remove the ATAS I remove the adapter, leaving it attached to the ATAS. Then I cover the NMO mount with a standard NMO mount plastic cover/cap. I have not experienced any of the tuning problems mentioned on the list with this set up. It's survived a Minnesota winter/salt/ice and the trip to and from Dayton. It does have a little lean to in now though! I hit a crow that was flying accross the interstate while I was going 70+ MPH.

Leo W9IXI
-----Original Message-----
From: drbog1 [mailto:rgarono@...]
Sent: Sunday, June 02, 2002 7:55 AM
To: FT100@yahoogroups.com
Subject: [FT100] Wind Load and ATAS

Has anybody mounted an ATAS directly (drill a hole) to the roof of their car/truck?

[Non-text portions of this message have been removed]

# 14476. Re: [FT100] Re: ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 14:02:53 UTC
From: Dick Thompson
Topic: 14438  Message: 14476

Thanks, Dick. I guess I'm not the only one who misses a common grounding location. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: Richard W. Solomon
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 4:07 PM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

Yes, I did just that several months ago (added ground point).
Just be careful.

73, Dick, W1KSZ

-----Original Message-----
From: Dick Thompson [mailto:wb0dul@...]
Sent: Sunday, June 02, 2002 1:01 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: ATAS-100 MALFUNCTION

It amazes me that Yaesu didn't see fit to put a ground point on the back of the FT-100/100D. Has anyone drilled a hole the the back (at an accesible point), added a machine screw with a wing nut to have a chassis ground on this radio? I run mine an a Ford F-250 Pickup XLT Lariat. The front seats are bucket type with a large vinyl type material console between the seats. I have the quick disconnect Yaesu mobile mount, but the base of the mount is bolted to the front of the console with no place to ground it.

I've thought about adding a grounding point on the rear of the radio and using a braid strap from a bold on the seats and then connect the free end to the rig when I put it in. But this radio serves dual purpose (mobile and in house) and it would be a pain in the rear to connect and then disconnect the ground everytime I put the radio in the truck or take it out.

I have a FT-920 in the shack and an Alinco 2 meter. I like the availability of 70cm and multi-band scanning with the 100D, thus the reasoning for in and out of the vehicle.

So, any comments about drilling a hole in the back and adding a ground lug would be appreciated, especially if someone has already done it.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Jesse
To: FT100@yahoogroups.com
Sent: Sunday, June 02, 2002 9:30 AM
Subject: RE: [FT100] Re: ATAS-100 MALFUNCTION

well, the other thing you can check is the GND at the radio...

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14477. Re: [FT100] Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 14:14:03 UTC
From: Dick Thompson
Topic: 14452  Message: 14477

Thanks, Tim.
----- Original Message -----
From: Tim
To: FT100@yahoogroups.com
Sent: Monday, June 03, 2002 2:45 AM
Subject: Re: [FT100] Re: "Body Ground Point"

Dick Thompson wrote:

> Thanks, Tim...
>
> I'll give that some thought. Will be out of here for vacation, so
> won't be able to find time before we leave. Maybe a short pigtail
> braid with a lug on one end, placed under the quick disconnect on the
> radio. And at the end of that pigtail a male or female connector to
> mate with one permanently bolted to a ground point on the chasis. Is
> that what you were suggesting or am I off in left field?

Get two, a short pigtail, with eyelet's on each end,
and a longer one with the same eyelet's.

Use the smaller one on your radio (one of the
mounting bolts), and mount the larger one to your
vehicle using a self tapping metal screw, or a
convenient chassis bolt.

To connect them use a "dual wing-nut,"
( a wing-bolt, and a wing-nut) with some
matching washers.

By the way, I use stainless whenever possible.

Tim
KA2PKH

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14478. Re: Mods?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 16:06:18 UTC
From: backhoefade
Topic: 14463  Message: 14478

There are two "must do" mods required. Plus a third one which I strongly suggest you do yourself.
The first mod eliminates a spurious oscillation problem (13.65 MHz) which manifests itself at the system level as a high SWR indication and desired-signal output power foldback. You can tell if the rig has the mod by opening up the top cover (6 screws) and confirming whether or not there are some metal ground straps screwed into the horizontal chassis rib. If your rig just has some sticky-back copper tape then you need the proper modification. You can see pictures of the way to do the mod at this website in the Photos section. I sent mine to the Cerritos repair center to have it done. Doing it yourself will likely void the 1 year warranty. Your choice.

The second mod fixes the problem wherein the fans never turn on during long periods of receive-only operation on VHF/UHF. You can tell if the mod has been done by removing the bottom cover. The mod consists of adding a temperature sensitive switch on top of one of the VHF/UHF PA modules. I doubt that your rig has that; I've never heard yet of a new rig that has it. The temp-switch is the way Yaesu mod's the rig; there's an alternate method described at this website which uses the addition of a single resistor that keeps the fans spinning all the time. I personally recommend that you send the rig to Cerritos and get the switch added.
The third mod is the microphone mod originally described by Richy, N2ZD. It's described at this website and at another site. I think it's http://www.mods.dk
I'm on vacation right now so I'm somewhat disconnected from all of this. There's also some info I posted there regarding AM operation. The rig is a great performer but there is some learning required before you can realize its full performance and capabilities.
The fact that you are going to primarily use it as a base unit will avoid some of the instability issues that arise (unfortunately) with it when you go mobile; all related to the problem addressed by the first mod I just described.
So enjoy the rig and let me know how it works out!

73 N6AF Chas

--- In FT100@y..., "Olin Boyer" <olinboyer@c...> wrote:
> I have a new FT-100D on order, and won't even get it until next week.
>
> I am new to this group, and am concerned about all the talk about
> "mods" that may or may not need to be made.
>
> Is it possible that any mods needed have already been made by the

> manufacturer?
>
> I plan to use the unit as a "base station", rather than a mobile,
but
> plan to use the ATAS-100 on a ten-foot mast. I will use the ATBK
unit,
> to insure a good ground plane, and have a Comet duplexer on order
so I
> can get full use from the screwdriver antenna as designed.
Comments?
> Assurances?
>
> Olin Boyer - Tulsa, OK - 77GMCPB
> ---0-0--------0-> A Clasco Coach

# 14479. Re: [FT100] ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 16:07:52 UTC
From: John Spiceman
Topic: 14438  Message: 14479

Pete,
I haven't read all of the many posts on this subject
but your problem could be that the center of the ATAS
is not making good contact when seated in the antenna
mount. May be corrosion from water or just not enough
"spring" in the walls of the female portion of the
mount to make 100% contact. Just has to a be a small
amount of resistance to make the ATAS not function.

Someone else, several months ago had a similar problem
and I thought it was good enough to try and have had
good results. Search ATAS100 and the word "spring" in
the archives. Take a small spring the diameter of the
female part of the antenna mount. You may have to go
to a hardware store to find one. Cut it 1/4" long. Put
it down in there and then screw in the ATAS. This will
make a very "positive" contact and hoefully solve you
problem.

John - WB?RLD

--- alpha76234 <alpha76234@...> wrote:
> OKAY HERE IS THE DEAL ..... ATAS-100 WONT GO UP OR
> DOWN.
>
> HERE IS WHAT I DID:
>
> THERE IS 11.36 VOLTS PRESENT WHEN RADIO IS PLACED IN
> TUNE, AT THE
> ANTENNA CONNECTOR. BUT NO ACTIVITY
>
> TOOK ANTENNA INSIDE AND APLIED 11.36 VOLTS TO IT AND
> IT STARTED TO
> EXPAND, AS IT SHOULD W/ A VOLTAGE OVER 10V.
>
> SQUEEZED CONECTOR PINS TIGHTER, STILL NO ACTIVITY
> .....
>
> SOOOO WITH IT ATTACHED IT DOES NOT GO UP OR DOWN
> ......
> ANY SUGESTIONS ..... YEA I KNOW, SELL IT OR SEND
> BACK TO THE HOLDING
> TANK IN CERITOS ......
>
> PETE N6BXZ FT WORTH TEXAS
>

>

---
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# 14480. RJ12 receptacle

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 16:23:13 UTC
From: Michael Ziebell
Topic: 14480  Message: 14480

To those who need a RJ-12 receptacle here is a link:

http://www.greatcables.com/product.asp?dept%5Fid=%2D20&item=P%2DU36AU%2DWT+++++&mscssid=MAR129

73 Mike... KG6JMM

---
Do You Yahoo!?
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[Non-text portions of this message have been removed]

# 14481. Re: [FT100] Re: "Body Ground Point"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 16:23:35 UTC
From: John Spiceman
Topic: 14452  Message: 14481

Tim,
That's exactly where I'm attaching the ground, on one of the side holes.
Have you found a quick way to disconnect the extension adapter that screws onto the front of the FT100? I've replaced the tiny screws with two about 1" long. I put one nut all the way to the screw head for grip (a wingnut could also be put there). Then I put two nuts about 3/8" from the end and tighten those against each other so they wont move. Locktite thread cement would work also. Then I just unscrew both 1" screws by hand when I want to detach the adapter. It works pretty well but I need a way to keep them from falling out of the adapter when not in use.

73's

John - WB?RLD
--- Tim <tmaxwell@...> wrote:
> > It amazes me that Yaesu didn't see fit to put a
> ground point on the
> > back of the FT-100/100D. Has anyone drilled a
> hole the the back (at
> > an accesible point), added a machine screw with a
> wing nut to have a
> > chassis ground on this radio?
> >
> > I've thought about adding a grounding point on the
> rear of the radio
> > and using a braid strap from a bold on the seats
> and then connect the
> > free end to the rig when I put it in. But this
> radio serves dual
> > purpose (mobile and in house) and it would be a
> pain in the rear to
> > connect and then disconnect the ground everytime I
> put the radio in
> > the truck or take it out.
> >
> > So, any comments about drilling a hole in the back
> and adding a ground
> > lug would be appreciated, especially if someone
> has already done it.
> >
> > Dick

> > WB0DUL
>
> What about those four nice pre-drilled
> bolt holes for the mounting bracket?
>
> Why not just attach a eyelet equipped
> flat braided copper strap to one of the
> four mounting holes, and let the lead hang
> back, like all the others?
>
> I also carry mine to the house and back. I
> use the quick mount, and I just disconnect
> the leads (various connectors) on the back
> part of the radio, remove the back part
> from the car mounting bracket,
> (in a mounted box in the trunk,) disconnect
> the faceplate in the car, and carry the two
> pieces in a padded bag into the house
> (motel, camp, etc.).
>
> What's one more lead?
>
> --
> Tim
> -------------------
> Tea IS my Religion!
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 14482. RE: [FT100] re:ATAS-100 MALFUNCTION

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 16:39:24 UTC
From: Jesse
Topic: 14438  Message: 14482

I beg to differ on this one. I had a fluke accident one time that took a radio out (even with it turned off) while jump starting.

With vehicles like they are now days... I never go direct to the battery. I never had problems with engine noise. ON the Suburban and most fords (rumor since I don't drive a ford) there is a Distro Block up next to the Firewall. There I have all my PWR wires with lugs connected there. These keeps CRAP off my battery to fight with if I need to jump start anything. This Distro Block seems to me be the best place because all the radios end here with the same GND and +. I then used a bolt that was next to the Distro Block for the GND all common ...

So running to the battery isn't a need. I have noticed that some of the Fords have a problem with IGN. noise becuase of the long run to the battery. To cure this drop the LONG run to the battery and come off the Distro Block.

BUT, if you absolutley have to use the entire length of the PWR wire and you don't mind fighting with trying to change antennas/coax/filtering trying to get that elusive computer and IGN noise out by all means go direct to the battery.

Moral of this story is just to use the shortest runs. Shorten your wires keep it neat.
Whats the saying?
Work smarter not harder?

-----Original Message-----
From: n4xeo [mailto:n4xeo@...]
Sent: Sunday, June 02, 2002 6:54 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] re:ATAS-100 MALFUNCTION

Hi Pete

OAN
Do you have the negative cable run direct to the battery along with the

positive???
You really need to have both direct to the battery....

Good luck

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://www.fadca.org

FPAC: http://www.qsl.net/fpac
ICQ: 19219163

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 14483. Frequency adjust on 440MC?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 18:43:02 UTC
From: hamradio@tiscali.se
Topic: 14483  Message: 14483

Anybody know how to adjust frequency on 440Mc band?
All freqv. are OK exept for 440Mc. It seems that it is only in FM (repeater) mode.
Both RX and TX is a little bit off displayed freqv.
Thansfull for help!

Best regards Peter SM6VKC
hamradio@...

# 14484. Re: [FT100] Digest Number 1249

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 18:54:30 UTC
From: Dan K Nelson
Topic: 14484  Message: 14484

I stumbled across an interesitng situation that might be of interest to other FT-100 owners. Last week, I developed a problem with my base SAT rig, so I decided to put the FT-100 on the base as a temp 2 meter all mode rig. This is the first time that I have used the rig for any length of time apart from the vehicle.

As I was engaged in a 2 meter SSB QSO, I happened to place my hand on top of the rig, and discovered that the chassis was almost too hot to touch! A quick check of the fans revealed that the fans did not seem to be making much noise, and a "wet finger" behind the rig detected a very small amount of fan exhaust. (Yes, the "fan mod" was done and working at the time).

I moved the FT-100 to my test bench to investigate a bit further. I had the rig powered up in receive mode on VHF, and the fans were running all the time in low speed, and kicked into high speed when the transmitter was keyed. Seemed to be operating normally, so why was the rig getting so darn hot...?

I decided to take a peek inside the rig, so I removed the top cover while the rig was still powered up in receive mode, and as soon as I lifted the cover, the fans immeadiately increased in speed and the exhaust airflow increased significantly. I removed the bottom cover, and got even more airflow out of the back of the rig...

The bottom line to all this is that the ventallation holes in the top and bottom covers are covered with a very fine mesh screen that will get clogged up with dust over time, and constrict the airflow into the rig. Even with the fan mod, the rig will then run dangerously hot. This condition is not readily apparrent by just looking at the covers, I had to take a good look at them under a lighted magnifier to discover the problem.

Once I found the problem, a quick trip to the garage and a couple of shots of air from my compressor through the back of the cover ventillation screens cleared things right up. When the covers were replaced on the rig, there was now no noticable difference in fan speed or exhaust airflow whether the covers were off or on, and the rig now runs cool to the touch in either receive or xmit modes.

So, it appears that it would be a good idea to check the rig periodically for this problem, especially in mobile operation/dusty environments...

73 de W6DKN

# 14485. SWR & fan mod in Australia

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 09:57:43 UTC
From: Graeme
Topic: 14485  Message: 14485

G'day,

I purchased my FT-100 s/n 9D.... November 2000 and recently decided to get the mods done before the warranty runs out. The Yaesu dealer in Australia (Dick Smith Electronics ) gives two years warranty on Yaesu products.

I lodged my rig at a branch in Melbourne but the counter sales people wouldn't accept the descriptions of what I wanted done as the 'intermitant SWR icon' mod and the 'uhf/vhf fan' mod, so back at work I printed out the photos and descriptions from the FT-100 faq then returned to the store to lodge it again. I only had a credit card invoice for the purchase and didn't have the store receipt which is needed to lodge repairs under warranty. The store I was at contacted the branch where I bought the radio and got the receipt number from them, which saved me another visit to the store to lodge the radio.

The radio was lodged on 1st May and I received it back at the store in Melbourne 4th June.

The swr mod was done by soldering a solder lug to the adhesive backed copper strip (which was there when the radio was purchased)and positioning the screw hole in the lug so that a cover screw would pass through it when the cover was put on. The second point for earthing that was shown in the faq photos was not done.

The fan mod was done by the resistor method.

Cost: nothing as it was done under warranty and the radio was returned with a bonus MH-42a microphone. I'll return the mic to the store tomorrow as the tech is probably searching high and low for it.

Cheers
Graeme
VK3JUD

http://www.sold.com.au - The Sold.com.au Big Brand Sale - New PCs, notebooks, digital cameras, phones and more ... Sale ends June 12

# 14486. extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-03 23:18:42 UTC
From: m2040
Topic: 14486  Message: 14486

antone get this thing to transmit below 50 mhz?

# 14487. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 14:37:06 UTC
From: Dick Thompson
Topic: 14486  Message: 14487

Where do you want to transmit below 6 meters? How about 10, 12, 15, 17, 20, 30, 40, 75, 80? All below 6 meters. Do you have a license or are you a pirate? Just curious and no accusations. You don't use an e-mail with any call in it and I'm always curious when someone wants to transmit "out of band" and appears on a group like this asking if we know how to make a radio do it?

73,

Dick
WB0DUL@...

----- Original Message -----
From: m2040
To: FT100@yahoogroups.com
Sent: Monday, June 03, 2002 5:18 PM
Subject: [FT100] extended 6 meter tx?

antone get this thing to transmit below 50 mhz?

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14488. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 15:56:22 UTC
From: W6MDK@AOL.COM
Topic: 14486  Message: 14488

Dick,

Bravo on your reply.

A friend of mine just told me a sort of "joke definition." You know you're talking to a real ham if he/she can:

1. Solder a PL-259 properly;
2. Properly tune the final of a tube-type transmitter;
3. Tune an antenna tuner to resonance.
4. Install separate transmitter and receiver to make an old tube-type station run
properly.

You can probably come up with all manner of other skills that separate the wheat from the chaff.

Based on that, we have to assume that a question like the one asked is coming from someone who is something other than a real ham. The only way we are going to protect the integrity of the hobby (lifestyle?) is to refuse to aid those who would violate either the law or the standards of good radio practice and procedure. If we do not police ourselves, the FCC will do it for us, or will, even worse, cause the ultimate elimination of amateur radio entirely.

If the questioner was simply ignorant, then I say to him that he needs to learn a bit more of what he was supposed to have learned in order to get his license. Really, this is not a joke. Simply cramming and then regurgitating the answers on the exam does not mean that one has actually learned anything about radio and electronics.

# 14489. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 16:15:18 UTC
From: Mike May
Topic: 14486  Message: 14489

You forgot some more
#5. Using lecher wires to measure your frequency
#6. Winding RF coils with LITZ wire.
#7. Building quad spreaders out of Bamboo poles.

Oh crap I must be getting old if I still remember that stuff.

73
Mike WB8VLC/7

W6MDK@... wrote:

> Dick,
>
> Bravo on your reply.
>
> A friend of mine just told me a sort of "joke definition." You know
> you're
> talking to a real ham if he/she can:
>
> 1. Solder a PL-259 properly;
> 2. Properly tune the final of a tube-type transmitter;
> 3. Tune an antenna tuner to resonance.
> 4. Install separate transmitter and receiver to make an old
> tube-type
> station run
> properly.
>
> You can probably come up with all manner of other skills that separate
> the
> wheat from the chaff.
>
> Based on that, we have to assume that a question like the one asked is
> coming
> from someone who is something other than a real ham. The only way we
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> those who would violate either the law or the standards of good radio
> practice and procedure. If we do not police ourselves, the FCC will
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> for us, or will, even worse, cause the ultimate elimination of amateur
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> entirely.
>
> If the questioner was simply ignorant, then I say to him that he needs

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>
> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

--
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[Wulfsberg Electronics Division; Prescott, Arizona USA]

[Non-text portions of this message have been removed]

# 14490. RJ-12

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 17:06:33 UTC
From: Michael Ziebell
Topic: 14490  Message: 14490

Someone couldn't find the receptacle to make some sort of an adapter for the mic on a FT100. It's a six conductor.

73 Mike... KG6JMM

---
Do You Yahoo!?
Sign-up for Video Highlights of 2002 FIFA World Cup

[Non-text portions of this message have been removed]

# 14491. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 18:11:49 UTC
From: W6MDK@AOL.COM
Topic: 14486  Message: 14491

Geez, I haven't thoughtbout Lecher Lines in about, well, 35 years.

I know what you mean. I still love the Gonset Communicator II - 12 Watts
INTO the final, 2 meter AM.

# 14492. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 22:07:08 UTC
From: Dick Thompson
Topic: 14486  Message: 14492

Thanks, Mike. I've done them all. Been licensed since 1962. Read your bio on qrz.com. Very nice.

73,

Dick
WB0DUL@...
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Tuesday, June 04, 2002 9:56 AM
Subject: Re: [FT100] extended 6 meter tx?

Dick,

Bravo on your reply.

A friend of mine just told me a sort of "joke definition." You know you're talking to a real ham if he/she can:

1. Solder a PL-259 properly;
2. Properly tune the final of a tube-type transmitter;
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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14493. Re: Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 02:32:25 UTC
From: w8jw
Topic: 14442  Message: 14493

To: RAlph, KA8ZGM

Ralph check out my photos in the Photo file section. Look at the ATAS on '01 Durango. I used a Rat shack CB mirror mount, did some drilling on the mirror mount and wallaa. No holes in the lease car. Also works great at 73.5 Mph, in wind,rain,snow and sleet. 40 meters no problem, The instant QSY to 20 or 17 mtrs is A OK!!

73s John

# 14494. Re: [FT100] Re: Wind Load and ATAS

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 13:27:26 UTC
From: k9soa@att.net
Topic: 14442  Message: 14494

I am using the Diamond 600 trunk mount on my town car
and it works great. Also have used the 400 mount. The
600 is a little neater install.

--
Don K9SOA

www.k9soa.net (EM77EW)

Home of "JEANNIE"
The House That Listens
Using HAL2000 by Home Automated
Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002

# 14495. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 15:50:39 UTC
From: Scott Kamm
Topic: 14486  Message: 14495

Who cares if he is or isn't a pirate.If he is he'll probably but the bands to good use than most hams out there.I gave up on ham radio due to the bad hams not the pirates.I got tired of the profanity,music playing,dead keying on some one,and the fighting that goes on the air waves.I quit the local club when a certain ham became the president,this guy is a hard core born loser that is
power hungry and felt the air waves was his and his alone.Plus, you had to kiss his rear to stay on the air waves.I've turned him in seaveral times and nothing happened.

Dick Thompson wrote:

> Where do you want to transmit below 6 meters? How about 10, 12, 15, 17, 20, 30, 40, 75, 80? All below 6 meters. Do you have a license or are you a pirate? Just curious and no accusations. You don't use an e-mail with any call in it and I'm always curious when someone wants to transmit "out of band" and appears on a group like this asking if we know how to make a radio do it?
> 
> 73,
> 
> Dick
> WB0DUL@...
> 
> ----- Original Message -----
> From: m2040
> To: FT100@yahoogroups.com
> Sent: Monday, June 03, 2002 5:18 PM
> Subject: [FT100] extended 6 meter tx?
> 
> antone get this thing to transmit below 50 mhz?
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> 
> We are all a part of this Lets make it as good as possible.
> 
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> 
> [Non-text portions of this message have been removed]
> 
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# 14496. FT100 Control Program (CATSPaw)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-04 18:05:43 UTC
From: jordan0129
Topic: 14496  Message: 14496

i've just uploaded the latest CATSPaw FT100 control program Ver 0.95

This is freeware and doesn't expire.
This has been scaled to be viewable in an 800x600 window.

Go to the files section and look for catspaw.zip

Written entirely in Delphi, this will not cause DLL problems as it
has no dll's.

Distribute as you like, but please no alterations of any kind.

To install, unzip to a temporary directory and run the setup.exe.
To UnInstall, go to your control panel, select remove/add software
and look for Catspaw.

Donations, comments, suggestions are always welcome.

73's

N2OHZ

# 14497. CATsPAW FT100 control program

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 14:10:02 UTC
From: jordan0129
Topic: 14497  Message: 14497

i posted this message yesterday, but somehow i dont see it.

anyway, i just released the NON-Expiring CATsPAW FT100 control program in the files section.

program has no DLL's so nothing to contend with in windows.

have fun.

73's
N2OHZ

# 14498. Real Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 15:35:58 UTC
From: J Craswell
Topic: 14498  Message: 14498

That might be ok for a Ham in 1940 but I think a Real "He man" (or She Woman?) Ham (In 2002) ought to be able to do additional things like

Know which end of the soldering iron to hold! <grin>

Write microcode to "talk" to a PLL / display etc.

Operate a CAD Program to design a PCB and write a Schematic.

More important a Ham of ANY era should Know

THE AMATEUR'S CODE
I - The Amateur is Gentlemanly. He never knowingly users the air for his own amusement in such a way as to lesson the pleasure of others. He abides by the pledges given by the A.R.R.L. in his behalf to the public and the Government.

II - The Amateur is Loyal. He owes his amateur radio to the American Radio Relay League, and he offers it his unswerving loyalty.

III - The Amateur is Progressive. He keeps his station abreast of science. It is built well and efficiently. His operating practice is clean and regular.

IV - The Amateur is Friendly. Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance and cooperation for the broadcast listener; these are marks of the amateur spirit.

V - The Amateur is Balanced. Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

VI - The Amateur is Patriotic. His knowledge and his station are always ready for the service of his country and his community.

# 14499. Re: [FT100] Real Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 18:22:36 UTC
From: W6MDK@AOL.COM
Topic: 14498  Message: 14499

In a message dated 6/5/2002 10:50:30 AM Pacific Daylight Time,
jay@... writes:

> Know which end of the soldering iron to hold! <grin>

And know enough to use a low power iron on a PCB instead of a 260 W gun.

[Non-text portions of this message have been removed]

# 14500. Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 20:08:09 UTC
From: fhbixler
Topic: 14500  Message: 14500

I don't make posts often to the group but really enjoy reading the tips and tricks that everyone comes up with. Now I have an interesting problem of my own.

I travel often and always take my FT-100D out of the car and carry it along. But it seems like everytime I remount the radio, it works differently. Main problem appears to be with the SWR. Yaesu did the SWR mode and the HF antenna I use on the car is the ATAS.

Through experimentation I found out that the real problem has to do with the routing of the coax. Depending on where the coax is laying either the ATAS will tune all, one, some, or none of the bands. I can move the coax 6 inches to one side and the tuning properties will change.

Since I have a separate 2M/70cm antenna the situation is the same. This antenna has been tuned separately by an antenna analyzer and depending on where the coax is laid I either get a 1.1 SWR or the SWR goes sky high. This antenna, by the way, is a 1/4-wave mag mount.

The FT-100D is remote mounted in the rear of a Volvo Station Wagon and the ATAS is mounted on the hatch. The control head is mounted on top of the dash. I have a good ground connection from the ATAS to the car body. Power is directly off the battery, both sides fused. The radio is not grounded but I have tried grounding it to the frame but this has no effect.

When this whole setup was first installed, I had rock solid tuning on all bands. Any suggestions on where I can look next??

Floyd/WD8DUP sends

# 14501. Re: Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 20:21:11 UTC
From: Tim
Topic: 14500  Message: 14501

> When this whole setup was first installed, I had rock solid tuning on
> all bands. Any suggestions on where I can look next??
>
> Floyd/WD8DUP sends
>

Floyd, by any chance have you
checked to see if the "SWR Mod"
has been done on your unit?

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14502. Re: [FT100] extended 6 meter tx?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 22:40:39 UTC
From: Kevin
Topic: 14486  Message: 14502

Boy, I hope what you are describing is not the state of things in the rest of the Ham world. I've only been in Ham Radio for 6 years now, and I have found nothing less than courteous, helpful and friendly people. Sure, an occasional carrier may occupy the airwaves, but profanity and vulgarity have been nonexistant. Where I live is not densely populated (Beaverton Oregon. Just on the outskirts of Portland), perhaps that's why I haven't encountered the crud that you have, but perhaps, just perhaps I've met people who adhere to the what the true spirit of Ham Radio is all about while you have been misfortunate enough to to meet the few bad apples in the bunch. If you have truely left the ranks of Ham Radio I'd like to invite you back, the water's fine, just watch out for the holes.
73, Kevin
Kc7udu
----- Original Message -----
From: Scott Kamm
To: FT100@yahoogroups.com
Sent: Tuesday, June 04, 2002 8:50 AM
Subject: Re: [FT100] extended 6 meter tx?

Who cares if he is or isn't a pirate.If he is he'll probably but the bands to good use than most hams out there.I gave up on ham radio due to the bad hams not the pirates.I got tired of the profanity,music playing,dead keying on some one,and the fighting that goes on the air waves.I quit the local club when a certain ham became the president,this guy is a hard core born loser that is
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Dick Thompson wrote:

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> antone get this thing to transmit below 50 mhz?

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

# 14503. Re: [FT100] Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-05 22:42:42 UTC
From: n4xeo
Topic: 14500  Message: 14503

At 08:08 PM 6/5/2002 +0000, you wrote:

>The FT-100D is remote mounted in the rear of a Volvo Station Wagon
>and the ATAS is mounted on the hatch. The control head is mounted on
>top of the dash. I have a good ground connection from the ATAS to the
>car body. Power is directly off the battery, both sides fused. The
>radio is not grounded but I have tried grounding it to the frame but
>this has no effect.
>
>When this whole setup was first installed, I had rock solid tuning on
>all bands. Any suggestions on where I can look next??
>
>Floyd/WD8DUP sends

Hi Floyd

You might want to check the pigtails. It seems like I remember something
about that in the past. With all the in and out you might have made them
bad by them flopping around.

73, Bill N4XEO

E- Mail mailto: n4xeo@...
home page: http://www.qsl.net/n4xeo
F.A.D.C.A.: http://www.fadca.org
FPAC: http://www.qsl.net/fpac
ICQ: 19219163

# 14504. T2X Tailtwister for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 00:16:08 UTC
From: lx_luthor
Topic: 14504  Message: 14504

Anybody got a chart of the resistances one should see at the control box end of the rotator cable for this animal? I'd be highly obliged for a scanned copy or typed paraphrase! I'm using it to point my FT-100 signal to various places but I don't know where exactly 'cuz I think the rheostat in the bell housing is inop. Need the resistance values to check that before I scramble up the tower and muscle the rotor off to where it can be worked on. Tnx in advance es 73!

Eric K0KJ/5
San Antonio

# 14505. Re: Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 01:15:15 UTC
From: fhbixler
Topic: 14500  Message: 14505

Tks for the comebacks.

Well Tim I can say that the SWR mod has been done but Bob's idea is a good one. I guess it is possible that both pigtails could be bad since moving the coax cables would move them as well. I haven't really noticed how the pigtails are connected inside the radio. I would assume their associated ground connections are individually soldered but the radio does get moved around alot.

I am sort of leaning towards a problem with the length of the coax. I remember reading on one of the mobile web sites that screwdriver antennas can be finicky with the length of coax being used. The suggestion was to try different coax lengths. Right now I have a 6-foot length connecting to the pigtail off the antenna mount. I will try this tomorrow.

Another idea has been popping around my head if the possibility exists of a "leaky" coax connector. There is another common point to all this and that is the PL-259 to BNC adapter I'm using to connect V/UHF from my mag mount to the radio. Just a hunch. This will be easy to try too. I have a duplexer that I used to use that I can hook up and use the ATAS for 2/70.

I'll let you know how this comes out. Otherwise I guess I'll have to open the rig up and look at the connections to ground for the pigtails. It is a possibility that they're both loose.

Floyd/WD8DUP Sends.

# 14506. Re: Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 01:33:10 UTC
From: WB5MHA
Topic: 14500  Message: 14506

The FT100 is famous for it's "SWR problem" which ended up in a recall. Yaesu doesn't like to inform customers about it. Ignoring customers is a Yaesu speciality. The problem is feedback internal oscillation and cannot be cured by changing antennas, better ground etc. Even worse news; Yaesu "service center" needs to do the factory mods. and the problem will only get worse. Factory service in California MIGHT get your radio back in 4 or 5 months. I'm serious!

Try calling them, emailing them or writing them. They will act like you don't exist.

At this point you can try and get your radio back, unmodified, so you can get 75 bucks trade-in from AES on a 706 which works and is serviced by the parent company.

This is based on personal experience and 40 years as a ham.

Good Luck.--- In FT100@y..., n4xeo <n4xeo@b...> wrote:
> At 08:08 PM 6/5/2002 +0000, you wrote:
>
> >The FT-100D is remote mounted in the rear of a Volvo Station Wagon
> >and the ATAS is mounted on the hatch. The control head is mounted on
> >top of the dash. I have a good ground connection from the ATAS to the
> >car body. Power is directly off the battery, both sides fused. The
> >radio is not grounded but I have tried grounding it to the frame but
> >this has no effect.
> >
> >When this whole setup was first installed, I had rock solid tuning on
> >all bands. Any suggestions on where I can look next??
> >
> >Floyd/WD8DUP sends
>
> Hi Floyd
>
> You might want to check the pigtails. It seems like I remember something
> about that in the past. With all the in and out you might have made them
> bad by them flopping around.
>
>

> 73, Bill N4XEO
>
> E- Mail mailto: n4xeo@a...
> home page: http://www.qsl.net/n4xeo
> F.A.D.C.A.: http://www.fadca.org
> FPAC: http://www.qsl.net/fpac
> ICQ: 19219163

# 14507. Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 01:39:59 UTC
From: WB5MHA
Topic: 14382  Message: 14507

The FT100 is subject to serious design flaws. It will not be serviced by Yaesu under any circumstance. Be smart and pay a little extra for an Icom or Kenwood or buy one used.

--- In FT100@y..., "overthepole" <wordsmith@s...> wrote:
> Hello Group,
>
> I'm aligning my unallocated funds with the intention of purchasing an
> FT-100D this summer.
>
> To that end, I've been looking through the group postings and I have a
> couple of quick questions.
>
> One is, I see a lot of radios going back to Yaesu for SWR mods and fan
> mods etc. Have these issues been rectified in the new units? Would I
> buy one off the shelf and have to send it to Yaesu?
>
> Also, I'm assuming that I'll want to get the ATAS-100, or now the 120.
> One thing I'm not clear on is the way the antenna tunes. My assumption
> is that after you are on the desired frequency, you would press Tune,
> and the antenna does its thing. Is this correct? Or is there other
> steps or equipment involved?
>
> And, who seems to have the most cosistently low prices?
>
> In general, any advice going into this would be helpful. There's
> nothing like getting it right the first time!
>
> Thanks in advance for the boost,
>
> 73 de Jeffrey

# 14508. Re: [FT100] Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 01:57:23 UTC
From: W6MDK@AOL.COM
Topic: 14382  Message: 14508

YOu know what they say about opinions.

I have yet to find anything built by men that does not have flaws in design and/or execution. That does not mean that it is not a good piece of equipment. Take this country for example. FAR from perfect, yet still worthwhile.

Don't make your decision about a rig based on one person's idiosyncracies or preferences. Read every comment you can find and average them out. Then do what I did. Go look at all the different rigs and buyt the one you like best.

The FT100D is a great rig. That is based on 43 years as a ham.

# 14509. RE: [FT100] T2X Tailtwister for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 02:20:33 UTC
From: Blaine
Topic: 14504  Message: 14509

Hi Eric,

This is table 2 in the manual.

To Check Read Resistance Between
Terminals
Brake Solenoid .75 ohms + leads 1 - 2
½ motor Winding 2.5 ohms + leads 1 - 8
½ motor Winding 2.5 ohms + leads 1 - 4
½ motor + switch 2.5 + leads 1 ☐ 6
Entire motor 5 ohms + leads 8 ☐ 4
Right limit switch 0 ohms + leads 8 ☐ 5
Left limit switch 0 ohms + leads 4 ☐ 6
Entire Pot Switch 500 ohms 3 ☐ 7
Pot Arm to + end 0 to 500 ohms 3 ☐ 1
Pot Arm to ☐ end 0 to 500 ohms 1 ☐ 7

73 de Blaine, VE7CQX

-----Original Message-----
From: lx_luthor [mailto:k0kj@...]
Sent: June 5, 2002 5:16 PM
To: FT100@yahoogroups.com
Subject: [FT100] T2X Tailtwister for FT-100

Anybody got a chart of the resistances one should see at the
control box end of the rotator cable for this animal? I'd be
highly obliged for a scanned copy or typed paraphrase! I'm using
it to point my FT-100 signal to various places but I don't know where
exactly 'cuz I think the rheostat in the bell housing is inop. Need
the resistance values to check that before I scramble up the tower
and muscle the rotor off to where it can be worked on. Tnx in
advance es 73!

Eric K0KJ/5
San Antonio

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[Non-text portions of this message have been removed]

# 14510. Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 03:02:31 UTC
From: WB5MHA
Topic: 14382  Message: 14510

I would tend to agree that a Yaesu can be subject to normal problems like any other rig. However Yaesu service in California really should at least answer emails (none out of 10) letters (I tried that too) and phone calls. So far they have had my ft100 for over 2 months for warranty service. UPS lists "Adrian" signing for the radio's delivery. That was in March.

If a product has problems a company should stand behind it or at least answer communications from customers.--- In FT100@y..., W6MDK@A... wrote:
> YOu know what they say about opinions.
>
> I have yet to find anything built by men that does not have flaws in design
> and/or execution. That does not mean that it is not a good piece of
> equipment. Take this country for example. FAR from perfect, yet still
> worthwhile.
>
> Don't make your decision about a rig based on one person's idiosyncracies or
> preferences. Read every comment you can find and average them out. Then do
> what I did. Go look at all the different rigs and buyt the one you like
> best.
>
> The FT100D is a great rig. That is based on 43 years as a ham.

# 14511. Re: [FT100] Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 04:07:05 UTC
From: W6MDK@AOL.COM
Topic: 14382  Message: 14511

My comments were not in response to Yaesu's apparent customer service problem. There, I would agree, there is NO excuse. The rig is probably no worse than anything else on the market. The company apparently lags far behind others such as Icom.

Those reading this forum should keep in mind that the various "lemon laws" that have been passed around the US apply to radios as well as cars. If you can't get the company to fix it, make them replace it.

# 14512. Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 11:06:37 UTC
From: Wayne Blanton
Topic: 14512  Message: 14512

Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

# 14513. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:04:16 UTC
From: albert
Topic: 14512  Message: 14513

This is soooo true. I tried to order a few things for my FT-890 never got the parts. I even gave them my VISA card number, never got billed. I was told that they moved and lost a lot of things in the move. That's poor management . KA1FFO
----- Original Message -----
From: Wayne Blanton
To: FT100@yahoogroups.com
Sent: Thursday, June 06, 2002 6:06 AM
Subject: [FT100] Yaesu Parts Service

Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14514. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:01:52 UTC
From: alpha
Topic: 14512  Message: 14514

hello wayne, pete here ( i sold u the amp )
well i cant even get a e-mail responce from these
guyz. i have a 100d and mp. ordered a k2 .....
thinking about selling all my jap stuff and going full
circle ..... when i started in ham radio in 62 i had
heath and eico stuff .... now i will have elecraft. i
dont understand yaesus market stateegery.
hope u are enjoying the amp\

73 pete n6bxz ft worth

--- Wayne Blanton <k5one@...> wrote:
> Yaesu service extends beyond the FT-100. I ordered
> a volume/RF gain control from their parts
> department, they said it would be sent the next
> week. A month later I called, they apologized and
> promised delivery "next week" for sure. It has now
> been another month and nothing heard from them. No
> more playing with them, selling it on eBay "as is"
> probably at a good loss.
> Wayne K5ONE (NM)
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 14515. Re: [FT100] Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:09:23 UTC
From: albert
Topic: 14382  Message: 14515

Where do I find these laws? I would like to learn more about them. KA1FFO
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Wednesday, June 05, 2002 11:07 PM
Subject: Re: [FT100] Re: Preparing for Purchase

My comments were not in response to Yaesu's apparent customer service problem. There, I would agree, there is NO excuse. The rig is probably no worse than anything else on the market. The company apparently lags far behind others such as Icom.

Those reading this forum should keep in mind that the various "lemon laws" that have been passed around the US apply to radios as well as cars. If you can't get the company to fix it, make them replace it.

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[Non-text portions of this message have been removed]

# 14516. RE: [FT100] Re: Intermittent Mobile SWR Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:14:43 UTC
From: Eric van de Weyer
Topic: 14500  Message: 14516

Alternatively, do the mod yourself. there is plenty of info about it on Lee's FAQ page including some excellent pictures and it can be done in less than half an hour.

I did my own very shortly after I got it and I did it for one of the members of our local club at our last project day (last Saturday) and it took me about 20 minutes to do both the SWR mod and the fan (resistor) mod.

It takes less time to do it yourself than to pack it up to send it off!

Maybe I should start up a mod service whereby you guys send your rigs out to me here in Australia, I mod them and then send them back. For a price, of course. Would probably still be much quicker than you guys sending them back to wherever you do in the US. (Just JOKING, don't get any ideas!)

73....Eric VK2KUR

-----Original Message-----
From: WB5MHA [mailto:WB5MHA@...]
Sent: Thursday, 6 June 2002 11:33
To: FT100@yahoogroups.com
Subject: [FT100] Re: Intermittent Mobile SWR Problem

The FT100 is famous for it's "SWR problem" which ended up in a recall. Yaesu doesn't like to inform customers about it. Ignoring customers is a Yaesu speciality. The problem is feedback internal oscillation and cannot be cured by changing antennas, better ground etc. Even worse news; Yaesu "service center" needs to do the factory mods. and the problem will only get worse. Factory service in California MIGHT get your radio back in 4 or 5 months. I'm serious!

Try calling them, emailing them or writing them. They will act like you don't exist.

At this point you can try and get your radio back, unmodified, so you can get 75 bucks trade-in from AES on a 706 which works and is serviced by the parent company.

This is based on personal experience and 40 years as a ham.

Good Luck.--- In FT100@y..., n4xeo <n4xeo@b...> wrote:
> At 08:08 PM 6/5/2002 +0000, you wrote:
>
> >The FT-100D is remote mounted in the rear of a Volvo Station Wagon
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[Non-text portions of this message have been removed]

# 14517. Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:41:25 UTC
From: ab8jc
Topic: 14382  Message: 14517

--- In FT100@y..., W6MDK@A... wrote:
<snip>
> Those reading this forum should keep in mind that the
> various "lemon laws" that have been passed around the US apply to
> radios as well as cars.

Maybe in some states, but not Ohio (our lemon law, while one of the strongest in the nation, is motor-vehicle specific). A quick Google search should tell for your state.

Steve AB8JC

# 14518. RE: [FT100] Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 12:46:10 UTC
From: Eric van de Weyer
Topic: 14382  Message: 14518

Sorry, I can't agree.

I have now had mine for about 6 months and it is the greatest little radio I have ever owned.

Sure, it has a couple of minor design problems but that is all they are, minor, providing you do the mods to prevent them becoming major by causing finals destruction.

Let's face it, when you are trying to cram so much radio into such a small case, you are bound to have a couple of hiccoughs.

When I was deciding on which radio to get, I was tossing up between the FT100D and the Icom IC706MkIIG. At that stage, the Yaesu won out on two main counts the first being that it was about 4mm less in height which meant that it would fit into the hole in the dash without any modification with the second being the price (about A$500 less at the time).

Since getting the rig, however, I have found my decision only reinforced by the reality if the radio's performance. The noise blanker works exceptionally well, certainly the best one I have ever come across. It is very easy to use mobile once you get used to it. This is probably true of most radios once you get used to them. The receiver is excellent, the transmitter works very well and gets great reports. Just yesterday on my way home from work I was chatting to a VE7 getting a signal report back that I was peaking to a 9, not bad for a mobile installation.

I am using the ATAS-100 antenna (which I had to import from ZL as the local Yaesu distributor in VK doesn't import) with it now although originally, before I got the ATAS, I was using an Outbacker Junior Plus with just as good results and I still use it on 80M with a coax switch to swap between the two. I am also running a separate antenna for 2M & 70cM.

I also use a hands free microphone system (Icom HS-15 or HS-51 from memory) which is on a gooseneck mount and is noise cancelling. I made up a little control box with a small preamp which transforms the impedance of the mic to work properly with the FT100 which has a fairly low input impedance which tends to load down the mic so much as to have almost no modulation, and a small box mounted on the gear shift which has ALL the controls normally available on the hand mic which comes with the radio. I have since added John Hanson's QSYer keyboard so I can also directly enter frequencies into the radio. this is great if you want to quickly hop to another channel to check it out or quickly check out what is happening on the local emergency service channel (yes, it's quite legal to listen in to them).

Anyhow, Jeffrey, from my standpoint, it is an absolutely fabulous little radio and, if I could afford it, I would be buying another two, one for our

other car (save having to swap this one over when we go away in the van) and one for in the shack. U fortunately, I'm just not that rich.

73....Eric VK2KUR

-----Original Message-----
From: WB5MHA [mailto:WB5MHA@...]
Sent: Thursday, 6 June 2002 11:40
To: FT100@yahoogroups.com
Subject: [FT100] Re: Preparing for Purchase

The FT100 is subject to serious design flaws. It will not be serviced by Yaesu under any circumstance. Be smart and pay a little extra for an Icom or Kenwood or buy one used.

--- In FT100@y..., "overthepole" <wordsmith@s...> wrote:
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>
> I'm aligning my unallocated funds with the intention of purchasing an
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> One thing I'm not clear on is the way the antenna tunes. My assumption
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> and the antenna does its thing. Is this correct? Or is there other
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[Non-text portions of this message have been removed]

# 14519. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 13:04:25 UTC
From: k9soa@att.net
Topic: 14512  Message: 14519

I'm surprised about the comments on Yaesu service. I have sent in 3 different units and all were serviced and returned within 3 weeks. All warrantee work on problems I had caused. For me, super service.

I broke the little tab on the remote mounting pad and they sent me three replacements free. I dropped the FT100D control head and broke the volume shaft and knob off. No charge, 2 1/2 weeks.

--
Don

www.k9soa.net (EM77EW)

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# 14520. Re: Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 13:42:17 UTC
From: WB5MHA
Topic: 14512  Message: 14520

Exactly my thoughts. AES says they will give 175 bucks for it "as is" or I can try to sell it on ebay. But first Yaesu has to send it back!

The FT100 would not make a good boat anchor.....too small.--- In FT100@y..., "Wayne Blanton" <k5one@h...> wrote:
> Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
> Wayne K5ONE (NM)
>
>
> [Non-text portions of this message have been removed]

# 14521. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 14:26:06 UTC
From: Aurélio da Costa
Topic: 14512  Message: 14521

This seems to be a contagious disease amongst ham radio dealers, hi! Ordered via internet an antenna for my FT100 from MFJ Enterprises in March and was told that my order had been placed on "back order" (whatever that means!). In May 27, after a second attempt to know what the position was for my order, I was advised that no reply would be received from their mail box until May, 22!!!
I am still waiting for a clue about my order. How is that for customer service?
73, Leo CT1CSN

----- Original Message -----
From: "MFJ CUSTOMER SERVICE" <mfjcustserv@...>
To: "Aur?lio da Costa" <ct1csn@...>
Sent: Monday, May 27, 2002 8:47 PM
Subject: Re: Internet order

?As of May 13, 2002 this mailbox will not be answered until May 22, 2002. If you have an ?urgent problem and need to talk with somebody, please call (SALES) 1-800-647-1800; ?(TECH) 1-800-647-8324; (FACTORY DIRECT) 1-662-323-5869; (FAX) 1-662-323-?6551. During this week any mail boxes at MFJ, Ameritron, Hy-Gain, Mirage and ?Vectronics will not be answered due to half of the staff participating at the Dayton ?Hamvention. We apologize for this inconvenience. Thank you for your business and ?support.

----- Original Message -----
From: "Wayne Blanton" <k5one@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 06, 2002 12:06 PM
Subject: [FT100] Yaesu Parts Service

> Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
> Wayne K5ONE (NM)
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com

> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 14522. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 14:32:30 UTC
From: Wayne Blanton
Topic: 14512  Message: 14522

There was some confusion about my submission below. I had ordered the part for my FT-757 not the FT-100.
----- Original Message -----
From: Wayne Blanton
To: FT100@yahoogroups.com
Sent: Thursday, June 06, 2002 5:06 AM
Subject: [FT100] Yaesu Parts Service

Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14523. Service problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 14:43:15 UTC
From: Olin Boyer
Topic: 14523  Message: 14523

Hey folks, the mfgrs. have their problems, too. Did you notice that half the MFJ staff was gone, and the reason they were gone? They were at Dayton, admittedly advertising and selling, but they were there to help, too.

Maybe you could call one of the 1-800 numbers, Cust. Svc., etc. and get some help. I sure wouldn't wait around trying to get an E-mail response. At least not for MONTHS!

I haven't really had any dealing with Yaesu yet, but get fine service from HamRadio.com, dxUniversal, and Texas Towers.

These folks are in business primarily because of us, and they will make an effort to be in business for us, as well. Their bottom line depends on it...+*

Olin Boyer - Tulsa, OK - 77GMCPB
---0-0--------0-> A Clasco Coach

# 14524. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 13:00:57 UTC
From: Dam Sign Shop
Topic: 14512  Message: 14524

What are you looking to sell it for ? And what other problems does it have ?

Bob Adams
N8WVL
----- Original Message -----
From: Wayne Blanton
To: FT100@yahoogroups.com
Sent: Thursday, June 06, 2002 7:06 AM
Subject: [FT100] Yaesu Parts Service

Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
Wayne K5ONE (NM)

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14525. Re: [FT100] Digest Number 1252

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 17:02:31 UTC
From: Dan K Nelson
Topic: 14525  Message: 14525

>Message: 1
> Date: Tue, 04 Jun 2002 10:50:39 -0500
> From: Scott Kamm <n0ugn@...>
> Subject: Re: extended 6 meter tx?
>
>Who cares if he is or isn't a pirate.

Any ham who wants to help see that the HF bands do not become like the CB/VHF bands.

>If he is he'll probably but the bands to good use than most hams out there.

That's a pretty broad statement based on your limited exposure to the hobby. Do you really have personal knowledge of "most hams" ?

>I gave up on ham radio due to the bad hams not the pirates.I got tired of the profanity,music >playing,dead keying on some one,and the fighting that goes on the air waves.

With only a Tech license, you have never experienced the best part of ham radio. It's a pity that you base your opinions on a very limited exposure to the hobby. Remember, the code test has always been a great "lid filter"... :>) I regularly work most of the HF bands and have never heard these people you speak of (unless you are talking about the few 2 meter repeaters that are home to a bunch of idiots. But even these repeaters serve a good purpose by keeping all the idiots in the same place.

>I quit the local club when a certain ham became the president,this guy is a hard core born >loser that is power hungry and felt the air waves was his and his alone.

Sounds like he is one of the "CB'er just got his Tech license" guys. Fortunately, these types are few and far between.

>Plus, you had to kiss his rear to stay on the air waves.I've turned him in seaveral times and >nothing happened.

How can this be (unless you were only working the local 2 meter repeater and this guy was the control operator) ?

By the way, do you even own an FT-100?

73 de W6DKN

# 14526. Re: [FT100] Re: Preparing for Purchase

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 18:18:42 UTC
From: W6MDK@AOL.COM
Topic: 14382  Message: 14526

Depends on the state. I am not aware of any federal statutes that apply, and I suppose there are some states that have not enacted laws of their own.

At any rate, I suggest you call your state's Consumer Rights Department (or whatever the equivalent is) and have them point you in the right direction.

In California, if three (I believe) failed attempts are made to repair an item, the law kicks in. I had a Lincoln Mark VIII that had a fuel system problem that the dealer could not solve. After the third attempt, without my even so much a writing a letter, I received a letter from Ford telling me that they were replacing the vehicle. And they actually did it.

# 14527. Re: [FT100] Digest Number 1252

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 18:21:19 UTC
From: W6MDK@AOL.COM
Topic: 14525  Message: 14527

Well said. My compliments.

# 14528. My 1st ft100d contact today - antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 18:34:06 UTC
From: ken@nextup.com
Topic: 14528  Message: 14528

I ordered my FT100D from HRO last week, and passed my general upgrade on Tuesday and unpacked the radio last night. Neat little rig. I don't have any antennas up yet and waiting on some wire and anderson connectors to arrive before I put it in the car so I connected it to a 10m mag mount antenna sitting on a shelf here in the house last night to play around with receive a little. Wanted to figure out the SWR meter so I connected a tuner and cut the power back to 10% and tuned it up on 20m this morning. I'm in North Carolina and heard a Florida station calling CQ so figured it couldn't hurt.

So, my first 20m contact ever was with 10 watts and a mag mount antenna sitting in the house. Got good signal and audio reports.

Fun Stuff.

While I've got so many smart people listening, I'm thinking of doing a rover type thing in the mountains for Field Day. Not sure what type of locations I'll end up in but am looking for some type of 20m and 6m antennas I might have luck throwing up. Is polarization a big deal on 6m SSB? I know it isn't on the HF bands. Any suggestions on something for 6 or 20 that can be put up with 1 rope instead of 2 separated spots like a dipole would require, for example if I only have 1 tree to work with? Preferably something I can build in the next couple of weeks.

Ken White
N4VQO/AG

[Non-text portions of this message have been removed]

# 14529. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 19:24:11 UTC
From: Wayne Blanton
Topic: 14512  Message: 14529

I don't have any problems with my FT-100, sort of. Had all the mods, no (problems). When I first got it, replacing a 706MKII after several other solid state rigs, it would only put out about 20 watts. A friend tried it on his set up and worked FB. Got an MFJ artificial ground, solved the problem, then redid ground system and almost full power but doesn't drive the AL-811 to anywhere near to full output, the 706 actually overdrove it a lot. Actually I guess I would like a less temperamental rig like my old IC-706 back. I'll be looking to trade up to a TS-2000 at Flagstaff, AZ hamfest next month. On my original contribution I forgot to mention that the problem rig was with my FT-757 not the FT-100, just looking at the service, I corrected this on a later submission. Thanks.
Wayne K5ONE (NM)
----- Original Message -----
From: Dam Sign Shop
To: FT100@yahoogroups.com
Sent: Thursday, June 06, 2002 7:00 AM
Subject: Re: [FT100] Yaesu Parts Service

What are you looking to sell it for ? And what other problems does it have ?

Bob Adams
N8WVL
----- Original Message -----
From: Wayne Blanton
To: FT100@yahoogroups.com
Sent: Thursday, June 06, 2002 7:06 AM
Subject: [FT100] Yaesu Parts Service

Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next week" for sure. It has now been another month and nothing heard from them. No more playing with them, selling it on eBay "as is" probably at a good loss.
Wayne K5ONE (NM)

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[Non-text portions of this message have been removed]

# 14530. Pirates who cares? I do!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 17:50:48 UTC
From: J Craswell
Topic: 14530  Message: 14530

Sorry about the long length of this quote T.O.M. AKA :the old man" but it's interesting to see the Un-Politicaly Correct message to all Lids.
>Who cares if he is or isn't a pirate.If he is he'll probably but the bands to good use than most hams out there.I gave up on ham radio due to the bad >hams not the pirates.I got tired of the profanity,music playing,dead keying on some one,and the fighting that goes on the air waves.I quit the local club >when a certain ham became the president,this guy is a hard core born loser that is
> power hungry and felt the air waves was his and his alone.Plus, you had to kiss his rear to stay on the air waves.I've turned him in seaveral times and >nothing happened.

I hate to sound the sour note but people using profanity, playing music, on air fighting etc are not (in my humble opinion) Hams. These guys doing this rubbish are "at best" Lids not fit to wear our title. Pirates are "lids" without a license.

What about the LIDs? (by Jay Craswell W0VNE)
Lids, Lids? Vot iz diss LIDS? A LID is a poor operator. You know the type. They get a big kick out of jamming repeaters or operating illegally on Police and Fire Frequencies. One local ?genius? was making false destress calls on the Police channels with his improperly modified VHF station. This guy was a licensed Ham Radio operator!

Some of them are real characters with ?fake? southern accents. It makes real folks from south of the Mason Dixon line mighty angry. These LIDs are the guys who never ID or if they do they make sure it?s not understandable. They are the guys cussing and hogging frequencies on 75 and 20 metre phone. You know the type. They don?t spend much time listening because they are too busy talking. They are the ?sea lawyers? who give Ham radio a bad name with the FCC. A good fight over the air is what they live for. They are the comedians replaying what they hear on 49 MHz Baby Monitors and cordless phones over the local repeater. They grunt, squeak and do all manner of animal sounds to show how intellegent and charming they are. Because they are cowards all this is un IDed of course! It?s not policaly correct to call these guys what they really are so the original term Lids is what we use. So what?s the solution for these idiots? The Feds are hauling them in now in record numbers. And while most get a hefty fine and have all their expensive Radio Gear taken away, a few are cooling their heels in prison. One of the problems is how long it takes to revoke the license of some of these goombahs so it?s interesting to revisit the original plan to deal with this garbage. See what the first president of the ARRL had to say about Rotton Young Squirts a.k.a. Lids in the . . .

Rotten Young Squirts
By The Old Man (W1AW )

Feb 1932 QST Magazine
SAY, you modern Young Squirts! Listen to me.
In bygone years, when amateur radio was young and in the making, it was Unpopular to have a rotten fist, send with your feet or send too many CQ's. It was Unhealthful, very, to be outside the regular amateur bands. It was Sure Death to fake a call or send any kind of a false signal. There were three gadgets that were devised by the amateurs of those early days to keep Young Squirts constantly reminded of these three important don'ts of amateur radio. A Squirt who used too much of what we used to call "Lake Erie Swing," or sent with a slobbery fist, or cluttered up the air with too many CQ's, or garbled his call letters so they had to be guessed at, was called upon by a committee, the chairman of which was a big brute with a positive manner and who exhibited and explained the workings of an instrument known as an Uggerumph. A Squirt who was a band-jumper, or who failed to maintain an intimate acquaintance with a reliable wavemeter, was politely knocked on the head with a baseball bat, dragged out into the nearest sandlot, and subjected to a surgical operation with a thing called a Rettysnitch. The blood of each victim was allowed to dry on this tool. She's all caked up on the business end at this minute. The next time you meet old Fred Schnell ask him how many Squirts he butchered the first year or so after the War, with this Rettysnitch. He nearly wore it out. He was Traffic Manager in those days. Last but by no means least, a Squirt who even thought of using a false call, let alone actually using one, or used profane language on the air or who willfully broke up other legitimate amateur traffic, was taken for a certain kind of a ride during which an instrument of torture known as a Wouff Hong figured very prominently. No Young Squirt ever returned from one of these "rides." The Wouff-Hong was carefully wiped off after the affair and the rag used to do the wiping was forwarded to me for filing away. There are twenty five bales of these bloody rags in a certain warehouse at the present moment, and recently I have made arrangements to hire some additional space. Now, I don't want to be unpleasant or to threaten anybody, but by the Great Horn Spoon, you modern Young Squirts, you are riding for a sure fall if you keep on the way some of you are going. The other night I counted one of you send forty-one CQ's and then, to add insult to injury, you ended up with just two miserably sent slobbery signs that could not be read by Handy himself. Now I ask you -- why forty-one CQ's if two unreadable calls? What sort of a think-tank do you carry around that led you to sign only twice and rotten at that, if you thought forty-one CQ's were called for? Rut I must not permit myself to dwell upon your offense for fear this paper will get afire. Just, let me say that I've got my eagle eye on you and any moment you may expect to receive a call from my committee, the leader of which will take such steps as may be necessary to convey to you a clear and distinct idea of just what the Uggerumph is, what it can do, how it is operated and how it feels. Another one of you Young Squirts spent the other evening sending V's. You washed out a perfectly good rag chew for me and ditched several words from an important QST from W1MK.<- (*Note Pre war W1AW) And you, you rubber-head who did this, you are going to be hounded down and I'll see that you are made to eat every V in the dictionary. In the old days we would have boiled you in transformer oil. I reckon you are too young to know what transformer oil is. Well, son -- it's

hot, when it's boiling. Another one of you thinks it funny to send with your feet instead of your hand. It cannot be done, son, and it isn't funny. It's rotten amateur radio. Nobody can read your stuff, and what's the use of sending if nobody can receive it? If your stuff were to be taken down on a tape receiver it would bust the machine wide open and hurt somebody. There are only two characters in the telegraphic code. One is a dot and the other is a dash. You seem to think it fashionable to crossbreed the two. It can't be done without getting into trouble and you are in trouble because you are to be located and some dark night you are going to be yanked from your warm little shack and a certain committee will heat up a certain pair of irons and several real distinct dots and dashes will be branded upon that part of your anatomy which will remind you of dots and dashes every time you sit down, for the rest of your life. I am ashamed to say that three of you are suspected of using some other chap's call letters! On a certain occasion, of which I have record, one of this three had the gawd-awful bad judgment to use a certain Assistant Radio Supervisor's call, (Imagine such a thing, Old Timers!) I don't state what we intend to do with this one. Anyway, the whole bunch of you are slated for the Wouff-Hong, and Lord have mercy on you for nobody else will, especially for the poor unfortunate gargoyle who used the R. S.'s call letters. It will be my duty to attend to this squad and I have already sent to Hartford for the Wouff-Hong to be forwarded out here by air mail. You enemies of amateur radio will soon be hearing the old pre-war torture chanty, "Fe, Fi, Fo, Fum," A horrible example will be made of you for the benefit of future Young Squirts who are tempted to stray from the straight and narrow. After the committee and I get through with you your bones will be ground up to make breakfast rolls for me and the little wife, and I suspect that Kitty and the kittens will get parts of you. I have not decided yet what the torture shall be for those miserable whops who splash around in the ether and get afoul of the transatlantic 'phone bands. It's a serious offense. It gets all the rest of us in dutch with the Government and A. T, & T. No precedent exists because we did not use to have transatlantic radio 'phone. This matter is up with the Torture Committee of A.R.R.L. and as soon as something sufficiently blood-curdling can be devised we shall rig up the apparatus and bring you whops in. I am in favor of stringing all of you up by the thumbs in good old seafaring style, while somebody with a deep voice and slow delivery reads one of Handy's papers on Dynatrons and Methods of Monitoring Frequency, after which all the worn-out and inaccurate wavemeters in your Division will be crammed down your throats. The idea is to endeavor to make you "frequency conscious." I reckon it will conscious you up all right, especially about the time you feel some of those crooked condenser plates going down. One of the suggestions the Torture Committee is working on is to have Warner suggest to the forthcoming Madrid Conference the advisability of compelling all amateurs to eat at least one dynatron before he learns the code. It's a hot idea according to my notion, because if an aspirant for an amateur transmitting license knows what it is to eat a dynatron he will have acquainted himself with what accurate checking of frequency really means. Any amateur that gags much on a dynatron won't feel much like learning the code for the remainder of his days on earth. This idea, if put into practice, would choke off the supply of new non-frequency-conscious Young

Squirts. We should then have to deal only with the existing Squirts who don't know what accurate frequency means. Gradually we could Wouff-Hong these out of the picture. Then we should be able to live in peace and comfort with the Government and the A.T.&T., a condition devoutly to be desired, if amateur radio is to weather Madrid and if Warner is to retain his reason. This concludes my warning to you public enemies. It has been a long time since this old barnacle has opened his trap, but after things reached the pass where one of you Young Squirts pinched the Radio Supervisor's call, I had to speak. I am here to see that amateur radio retains its traditions, built in bygone years, when amateurs were loyal, law-respecting and upstanding he-Americans, who were proud of their fists both on the key and in the lawbreakers' faces, proud of their procedure, proud of their note, proud of their frequency, proud of their delivered-message percentages and proud of the splendid standing of amateur radio. The Uggerumph, the Rettysnitch and the Wouff-Hong have seved in the past, well and terribly. They can serve again. You present generation of Young Squirts are too young to know the past. It is not recorded. It could not be. But believe me, there was a past. You don't want to have the vengeance of outraged amateur radio wreaked upon you. It's too awful. So -- let this old crab's warning be heeded. Remember the traditions of amateur radio when it comes to fists, CQing, V's and using fake calls.

Fail not -- at your peril!

# 14531. Re: My 1st ft100d contact today - antenna question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 21:05:20 UTC
From: joates_48323
Topic: 14528  Message: 14531

Hi Ken,

I have had very good luck with 50' of radio shack 22 gage speaker wire thrown as high up as possible (not necessarily vertical)and end fed with a tuner. You will also need a counterpoise cut for the band that you are using and elevated 2 to 5 feet above the ground. Alternatively, you could use a single 40 foot counterpoise. I have only used this configuration for 40 - 10 meters. Have not tried it with 6 meters.

73,

Joe - KB8BO

--- In FT100@y..., <ken@n...> wrote:
> While I've got so many smart people listening, I'm thinking of doing a rover type thing in the mountains for Field Day. Not sure what type of locations I'll end up in but am looking for some type of 20m and 6m antennas I might have luck throwing up. Is polarization a big deal on 6m SSB? I know it isn't on the HF bands. Any suggestions on something for 6 or 20 that can be put up with 1 rope instead of 2 separated spots like a dipole would require, for example if I only have 1 tree to work with? Preferably something I can build in the next couple of weeks.
>
> Ken White
> N4VQO/AG
>
>
>
>
>
> [Non-text portions of this message have been removed]

# 14532. Re: [FT100] Pirates who cares? I do!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-06 23:08:49 UTC
From: byrddawg
Topic: 14530  Message: 14532

> 
> "Rotten Young Squirts
> By The Old Man (W1AW )
> Feb 1932 QST Magazine"

> It is very interesting to read this. As a ham of only two years I have been
> dissapointed, but not surprised at such conduct. It unfortunately seems to be
> a reflection of society in general these days. My Grandfather was a ham 50
> years ago and I think things might have been a little more courteous back
> then. Glad to know they had problems like this before. The fun in this hobby
> (for me) is realized from having a great QSO with someone you meet up with out
> of the clear blue. Of course in being on the radio (in the public, if you
> will), you never know who you will talk with. I think remembering & practicing
> the original traditions of amateur radio is the thing to do, not only in the
> hobby, but maybe in life generally....Paul, KD5KCZ
> 
> 
> 
> 
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> We are all a part of this Lets make it as good as possible.
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# 14533. Re: T2X Tailtwister for FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 10:37:38 UTC
From: lx_luthor
Topic: 14504  Message: 14533

Blaine
Thanx for the info! I used it to find out that half of the wiper circuit IS working (and I can use a DVOM and conversion table to figure out where the beam is approximately pointed!) Now I'd like to try to modify the controller temporarily to get it to work with only half the data it needs...so if it isn't too much of a hassle and if you have the equipment could I talk you out of an image of the schematic for the T2X Tailtwister also? I thank you and my FT-100 thanks you too!

73 de Eric K0KJ

--- In FT100@y..., "Blaine" <VE7CQX@t...> wrote:
> Hi Eric,
>
> This is table 2 in the manual.
>
> To Check Read Resistance Between
> Terminals
> Brake Solenoid .75 ohms + leads 1 - 2
> ½ motor Winding 2.5 ohms + leads 1 - 8
> ½ motor Winding 2.5 ohms + leads 1 - 4
> ½ motor + switch 2.5 + leads 1 ☐ 6
> Entire motor 5 ohms + leads 8 ☐ 4
> Right limit switch 0 ohms + leads 8 ☐ 5
> Left limit switch 0 ohms + leads 4 ☐ 6
> Entire Pot Switch 500 ohms 3 ☐ 7
> Pot Arm to + end 0 to 500 ohms 3 ☐ 1
> Pot Arm to ☐ end 0 to 500 ohms 1 ☐ 7
>
> 73 de Blaine, VE7CQX
>
> -----Original Message-----
> From: lx_luthor [mailto:k0kj@h...]
> Sent: June 5, 2002 5:16 PM
> To: FT100@y...
> Subject: [FT100] T2X Tailtwister for FT-100
>
> Anybody got a chart of the resistances one should see at the
> control box end of the rotator cable for this animal? I'd be
> highly obliged for a scanned copy or typed paraphrase! I'm using
> it to point my FT-100 signal to various places but I don't know
where
> exactly 'cuz I think the rheostat in the bell housing is inop.
Need

> the resistance values to check that before I scramble up the tower
> and muscle the rotor off to where it can be worked on. Tnx in
> advance es 73!
>
> Eric K0KJ/5
> San Antonio
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of Service.
>
>
> [Non-text portions of this message have been removed]

# 14534. RE: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 11:23:24 UTC
From: Eric van de Weyer
Topic: 14512  Message: 14534

Very simple,Back Order means that they have none in stock and have to order form their supplier.

73....Eric.
-----Original Message-----
From: Aurélio da Costa [mailto:ct1csn@...]
Sent: Friday, 7 June 2002 00:26
To: FT100@yahoogroups.com
Subject: Re: [FT100] Yaesu Parts Service

This seems to be a contagious disease amongst ham radio dealers, hi! Ordered
via internet an antenna for my FT100 from MFJ Enterprises in March and was told that my order had been placed on "back order" (whatever that means!). In May 27, after a second attempt to know what the position was for my order, I was advised that no reply would be received from their mail box until May, 22!!!
I am still waiting for a clue about my order. How is that for customer service?
73, Leo CT1CSN

----- Original Message -----
From: "MFJ CUSTOMER SERVICE" <mfjcustserv@...>
To: "Aurélio da Costa" <ct1csn@...>
Sent: Monday, May 27, 2002 8:47 PM
Subject: Re: Internet order

«As of May 13, 2002 this mailbox will not be answered until May 22, 2002. If you have an «urgent problem and need to talk with somebody, please call (SALES) 1-800-647-1800; «(TECH) 1-800-647-8324; (FACTORY DIRECT) 1-662-323-5869; (FAX) 1-662-323-«6551. During this week any mail boxes at MFJ, Ameritron, Hy-Gain, Mirage and «Vectronics will not be answered due to
half of the staff participating at the Dayton «Hamvention. We apologize for
this inconvenience. Thank you for your business and «support.

----- Original Message -----
From: "Wayne Blanton" <k5one@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 06, 2002 12:06 PM
Subject: [FT100] Yaesu Parts Service

> Yaesu service extends beyond the FT-100. I ordered a volume/RF gain control from their parts department, they said it would be sent the next week. A month later I called, they apologized and promised delivery "next

week" for sure. It has now been another month and nothing heard from
them.
No more playing with them, selling it on eBay "as is" probably at a good
loss.
> Wayne K5ONE (NM)
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
>
>
>

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FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14535. Super 100 and Good Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 12:37:26 UTC
From: Freddy Thompson Bratton
Topic: 14535  Message: 14535

---

I think those that don't like the 100 should sell their radio, unsubscribe and go on their way. Leave the group to those who enjoy and benefit from all it has to offer. I seldom post but read religiously every day and have kept tons of notes of various ideas and problem solving techniques provided by "you'all".

I have two 100's and have no problems with them. They are my favorite radio's. I'm fixing to buy my son one for graduation from Syracuse University and one for my girlfriend for her birthday. There isn't a radio to compare when you go mobile. The proof is in the pudding and when you combine it with the ATAS 100, beat that for convenience. Try Kenwood or Icom's matching antenna. You will have to design it and sell it to them first. I'm not a Yaesu fan per se. I have an Icom 746, Kenwood 870, 2 Kenwood 850's and a recently acquired Yaesu 900. I am a salesman and certainly don't condone poor customer service but it won't keep me from using the best radio for my purpose. Yea, the mods need to be done------get over it. Whose perfect? This great site gives all the knowledge to do our own.

I have been a Ham for four years. I live in Memphis, TN and travel Arkansas as well. The "worst" hams I've run into are "ok". I haven't run into any really bad ones. Some I don't care to be around but that is personality not poor or illegal operating practices. We aren't permeated with trouble makers. Seldom does anybody want to jam the repeaters and in the thousands of contacts I have made in hundreds of countries, I haven't been treated more poorly than a sarcastic word or two.

Oh the other hand, I have had to learn to remember my friends outside the hobby because I have been befriended by so many fellow amateurs. I have become close personal friends with many. My girlfriend was drawn to the hobby strictly because of the people we met thru my participation in the hobby. That lead her go get her license.

I can't help but come to the defense of the FT-100 because of the endless hours of pleasure and trouble free hours I have with it in the car as I visit customers. I've tried the others and I'm where I need to be. I know many who have and used both the 100 and the 706 and none of them favor the 706. I tried it and sold it. Fine radio-----not as good as the 100 in my opinion and no matching antenna.

I won't comment any more on the good hams I've met everwhere I've travelled. I don't have to energy to type that much and you don't want to read that much.

Let those who enjoy this thread and radio have fun sharing and helping each other and let the others go to another thread where they can possibly find one they enjoy as much as we do this one.

Regards and great Field Day,

Freddy Bratton
KF4ZGJ
AFA2KF

Memphis, TN

---
WIN a first class trip to Hawaii. Live like the King of Rock and Roll
on the big Island. Enter Now!
http://r.lycos.com/r/sagel_mail/http://www.elvis.lycos.com/sweepstakes

# 14536. Parts Service good!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 11:51:58 UTC
From: J Craswell
Topic: 14536  Message: 14536

I just wanted to say my response to a phone order for some parts was very good. Parts came in less than a week.

73 de Jay W0VNE

# 14537. Re: [FT100] Yaesu Parts Service

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 14:10:59 UTC
From: David Kiwerski, Orange County Sheriff, C
Topic: 14512  Message: 14537

> A problem, not only with ham radio dealers - seems to be throughout the
> industry! We had to wait for 2 months for a vocoder board from Motorola for
> a production radio (XTS3000).

Dave WP2AAT

>
> -----Original Message-----
> From: Aur?lio da Costa [mailto:ct1csn@...]
> Sent: Friday, 7 June 2002 00:26
> To: FT100@yahoogroups.com
> Subject: Re: [FT100] Yaesu Parts Service

>
> This seems to be a contagious disease amongst ham radio dealers, hi!

# 14538. Re: [FT100] Digest Number 1252

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 03:48:29 UTC
From: Scott Kamm
Topic: 14525  Message: 14538

Yeh, I have experieced the best part of ham radio it's called the 6 meter band.The only band that I know that's still untainted.It's additudes like yours that keep me a tech.There is no rule on the books that forces me to upgrade.I don't try to be holier than thou,I prefer to stay humble,and elmer any one who show an interest in ham radio.

Dan K Nelson wrote:

> >Message: 1
> > Date: Tue, 04 Jun 2002 10:50:39 -0500
> > From: Scott Kamm <n0ugn@...>
> > Subject: Re: extended 6 meter tx?
> >
> >Who cares if he is or isn't a pirate.
>
> Any ham who wants to help see that the HF bands do not become like the CB/VHF bands.
>
> >If he is he'll probably but the bands to good use than most hams out there.
>
> That's a pretty broad statement based on your limited exposure to the hobby. Do you really have personal knowledge of "most hams" ?
>
> >I gave up on ham radio due to the bad hams not the pirates.I got tired of the profanity,music >playing,dead keying on some one,and the fighting that goes on the air waves.
>
> With only a Tech license, you have never experienced the best part of ham radio. It's a pity that you base your opinions on a very limited exposure to the hobby. Remember, the code test has always been a great "lid filter"... :>) I regularly work most of the HF bands and have never heard these people you speak of (unless you are talking about the few 2 meter repeaters that are home to a bunch of idiots. But even these repeaters serve a good purpose by keeping all the idiots in the same place.
>
> >I quit the local club when a certain ham became the president,this guy is a hard core born >loser that is power hungry and felt the air waves was his and his alone.
>
> Sounds like he is one of the "CB'er just got his Tech license" guys. Fortunately, these types are few and far between.
>
> >Plus, you had to kiss his rear to stay on the air waves.I've turned him in seaveral times and >nothing happened.
>
> How can this be (unless you were only working the local 2 meter repeater and this guy was the control operator) ?
>
> By the way, do you even own an FT-100?

>
> 73 de W6DKN
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14539. Re: [FT100] LIDs

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 15:30:11 UTC
From: lhlousek
Topic: 14539  Message: 14539

My understanding if the term "LID" is that it applies to operators who unintentionally cause problems for others by
their use of bad procedures or having poor operating skills. We've all had our LID moments at one time or another, like
accidently transmitting on top of the DX station when meaning to transmit on the split frequency, or forgetting to turn
off the RIT or SPLIT when calling CQ or replying to a CQ, etc.

Discourtious operating or causing malicious interference goes way beyond being a LID. I would think terms like moron,
looser, punk, jerk, sociopath, or even criminal are more appropriate in these cases.

Lou W7DZN

# 14540. Re: [FT100] Super 100 and Good Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-07 16:37:00 UTC
From: k9soa@att.net
Topic: 14535  Message: 14540

I have to agree. I have a 100D and it works great.
Had troubles using antennas. When I finally installed
the ATAS all the troubles disappeared. Should have
bought one in the first place. Works great. I also
have a FT-8500 for 2 & 440 and a FT-1500 for APRS. All
working fine.

--
Don

www.k9soa.net (EM77EW)

Home of "JEANNIE"
The House That Listens
Using HAL2000 by Home Automated
Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002
>
> ---
>
>
> I think those that don't like the 100 should sell their radio, unsubscribe and
> go on their way. Leave the group to those who enjoy and benefit from all it has
> to offer. I seldom post but read religiously every day and have kept tons of
> notes of various ideas and problem solving techniques provided by "you'all".
>
> I have two 100's and have no problems with them. They are my favorite radio's.
> I'm fixing to buy my son one for graduation from Syracuse University and one for
> my girlfriend for her birthday. There isn't a radio to compare when you go
> mobile. The proof is in the pudding and when you combine it with the ATAS 100,
> beat that for convenience. Try Kenwood or Icom's matching antenna. You will have
> to design it and sell it to them first. I'm not a Yaesu fan per se. I have an
> Icom 746, Kenwood 870, 2 Kenwood 850's and a recently acquired Yaesu 900. I am a
> salesman and certainly don't condone poor customer service but it won't keep me > from
using the best radio for my purpose. Yea, the mods need to be done------get
> over it. Whose perfect? This great site gives all the knowledge to do our own.
>
> I have been a Ham for four years. I live in Memphis, TN and travel Arkansas as
> well. The "worst" hams I've run into are "ok". I haven't run into any really
> bad ones. Some I don't care to be around but that is personality not poor or
> illegal operating practices. We aren't permeated with trouble makers. Seldom
> does anybody want to jam the repeaters and in the thousands of contacts I have
> made in hundreds of countries, I haven't been treated more poorly than a

> sarcastic word or two.
>
> Oh the other hand, I have had to learn to remember my friends outside the hobby
> because I have been befriended by so many fellow amateurs. I have become close
> personal friends with many. My girlfriend was drawn to the hobby strictly
> because of the people we met thru my participation in the hobby. That lead her
> go get her license.
>
> I can't help but come to the defense of the FT-100 because of the endless hours
> of pleasure and trouble free hours I have with it in the car as I visit
> customers. I've tried the others and I'm where I need to be. I know many who
> have and used both the 100 and the 706 and none of them favor the 706. I tried
> it and sold it. Fine radio-----not as good as the 100 in my opinion and no
> matching antenna.
>
> I won't comment any more on the good hams I've met everwhere I've travelled. I
> don't have to energy to type that much and you don't want to read that much.
>
> Let those who enjoy this thread and radio have fun sharing and helping each
> other and let the others go to another thread where they can possibly find one
> they enjoy as much as we do this one.
>
> Regards and great Field Day,
>
> Freddy Bratton
> KF4ZGJ
> AFA2KF
> Memphis, TN
>
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> WIN a first class trip to Hawaii. Live like the King of Rock and Roll
> on the big Island. Enter Now!
> http://r.lycos.com/r/sagel_mail/http://www.elvis.lycos.com/sweepstakes
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 14541. Re: To all those who don't want their FT100D's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 00:16:02 UTC
From: Tim
Topic: 14541  Message: 14541

Freddy Thompson Bratton wrote:

> I think those that don't like the 100 should sell their radio,
> unsubscribe and go on their way. Leave the group to those who enjoy
> and benefit from all it has to offer. I seldom post but read
> religiously every day and have kept tons of notes of various ideas and
> problem solving techniques provided by "you'all".

Freddy, get with it!
;-)

Just do as I do, I have a standing offer of
100.00 US (Good old USA cash) for any
FT100D in good condition, with it's
accessories, box, and instructions.
(Regardless of the swr/fan/mike mod status.)

Anyone who wishes to "get out", can do
so by just mailing me, KA2PKH, their radio
in the above condition, with the standard
accessories, and I will happily send them
a money order or check, for the one hundred
dollars US cash.
That's it!

Email me to tell me you're sending the radio:
tmaxwell@...

Don't forget to let me know where to
send the money.

Tim
KA2PKH
Box 8810, albany, NY 12208

;-)
;-)
;-)

Seriously though, I'll honor all requests.
Especially if they come before Field Day!

[Non-text portions of this message have been removed]

# 14542. Re: Super 100 and Good Hams

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 03:10:21 UTC
From: ft100guy
Topic: 14535  Message: 14542

--- In FT100@y..., "Freddy Thompson Bratton" <ftbratton@l...> wrote:
>
> ---
>
>
> I think those that don't like the 100 should sell their radio, unsubscribe and go on their way. Leave the group to those who enjoy and benefit from all it has to offer. I seldom post but read religiously every day and have kept tons of notes of various ideas and problem solving techniques provided by "you'all".
>
> I have two 100's and have no problems with them. They are my favorite radio's....>>>

There is your answer, you as well as I had "no problems".. But many did and they share their experiences here as well. Imagine if they sold their rigs and unsubscribed. Then we wouldnt know there actually were problems.. There are two sides to everything, even Hamming. Its good that we can share FT100 experiences, then we know the truth. Now thats more than Yaesu tells us.. Isnt it?

We are all here to make it work for everyone. Heck, I dont even own one anymore but I still post and offer help to those just coming on board. I like to see everyone enjoy the radio as well as I did. It makes me feel good to get others going and help them thru the kinks I had along the way.

If your radios work so well then someone here can make the argument that you should unsubscribe as you have nothing to offer to those that do have trouble, critisisms or questions.

I am not flaming you or anything, just pointing out that this group has many purposes. You have a purpose too>> Fostering newbies and helping those experiencing trouble with some facet of FT100 ownership. Present new ideas, mods, and assisting those who wish to make new friends along with forging your own relationships with other hams. This what it is to be a Ham/Amateur Op, to help others and get em on the air and provide whatever service you can to other Hams and the public in general. The FT100 is a great rig, sometimes it needs a little help to make it shine.. Thats where you and I come in..
Regards.. Richy N2ZD

# 14543. Known problems with original FT-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 05:13:27 UTC
From: wb2pfb
Topic: 14543  Message: 14543

I have been using an original FT 100 (not a D model)for about 2 years without any problems I am aware of. Last weekend I was at a local hamfest and two different people asked me if I had any problems and had I sent it back for repair.

Am I missing something? Have there been common problems I am not aware of, but should be?

Terry WB2PFB

# 14544. RE: [FT100] Known problems with original FT-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 12:17:10 UTC
From: Gary Mitchelson
Topic: 14543  Message: 14544

Problems with the FT-100, don't think I've seen anything posted here to that effect!

Seriously there have been gobs of posts here about the problems, and at the end of every message there is a footer that has a link to a great FAQ that will detail the issues. The fixes can be done by the owner if you are carefull.

-----Original Message-----
From: wb2pfb [mailto:wb2pfb@...]
Sent: Saturday, June 08, 2002 05:13
To: FT100@yahoogroups.com
Subject: [FT100] Known problems with original FT-100?

I have been using an original FT 100 (not a D model)for about 2 years without any problems I am aware of. Last weekend I was at a local hamfest and two different people asked me if I had any problems and had I sent it back for repair.

Am I missing something? Have there been common problems I am not aware of, but should be?

Terry WB2PFB

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

# 14545. u think u got problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 12:44:28 UTC
From: ne0x@starband.net
Topic: 14545  Message: 14545

ive got one of the touted great and supposedly perfect ic706mkii rigs that just went off too icom for repair of incorrect swr indication and low power output into a dummy load. so dont think for a moment that yaesu is the only rig with this problem. and ill bet that when the damage is done it will be much more expensive and more time consuming to repair than a simple mod for the ft100. ron ne0x

[Non-text portions of this message have been removed]

# 14546. Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:03:48 UTC
From: kb1flr
Topic: 14546  Message: 14546

Hi All,

Has anyone ever tried to get power from the battery of a Ford Escort ZX-2 2002? The battery is on the driver's side and it looks as though the existing wiring comes in on the passenger side, but the engine compartment is so cramped, I can't see well enough to determine the path.

If anyone knows how to do this, I would be grateful for some guidance.

73 de KB1FLR,Rick

# 14547. Re: Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:25:35 UTC
From: ft100guy
Topic: 14546  Message: 14547

--- In FT100@y..., "kb1flr" <kb1flr@h...> wrote:
> Hi All,
>
> Has anyone ever tried to get power from the battery of a Ford
Escort
> ZX-2 2002? The battery is on the driver's side and it looks as
though
> the existing wiring comes in on the passenger side, but the engine
> compartment is so cramped, I can't see well enough to determine the
> path.
>
> If anyone knows how to do this, I would be grateful for some
guidance.
>
> 73 de KB1FLR,Rick

Hi Rick,

Look for an opening in the firewall to get a direct pair of heavy gauge color coded wires thru to the "cockpit" remember to grommet the opening if you must make a hole or if you use an existing hole make sure its well insulated against wire chafing. Do not run this rig from any other wiring in the car as most automotive wires will not support a full 22 amp draw. Run it directly to the battery and remember to place two fuses at the battery terminals in case those large wires decide to "mate" with anything on their way into the car. It is imperative that you run the radio directly from the battery if you want good results. Keep in mind that some Fords have noisy fuel pumps and may cause some noise in the RX. There is a fix if you have that problem, check with Pres Waterman as he has much experience with this. PS I think we worked FT100 to FT100 on 17m, are you in the service?
Good luck and remember to add the two grounds to the sides of the radio when you mount that puppy.. Regards.. Richy N2ZD

# 14548. Re: u think u got problems

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:30:04 UTC
From: ft100guy
Topic: 14545  Message: 14548

--- In FT100@y..., <ne0x@s...> wrote:
> ive got one of the touted great and supposedly perfect ic706mkii rigs that just went off too icom for repair of incorrect swr indication and low power output into a dummy load. so dont think for a moment that yaesu is the only rig with this problem. and ill bet that when the damage is done it will be much more expensive and more time consuming to repair than a simple mod for the ft100. ron ne0x
>
>
> [Non-text portions of this message have been removed]

Your low power output is most likely a direct result of the incorrect SWR indication. Its called foldback and radios do this to protect the finals even when the internal swr indication is wrong. I hope they go light on your wallet, but from what it sounds like, a cheap repair to the swr circuit is in order. I had this happen on an FT1000 a while back. I replaced a few diodes that were damaged by some static and it was dumping 200 watts as it should.. Good Luck.. Richy N2ZD

# 14549. Re: To all those who don't want their FT100D's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:33:51 UTC
From: ft100guy
Topic: 14541  Message: 14549

Heck, I would beat that offer, in fact I would like to purchase a dud or two for some GOOD money. If anyone has one they are looking to part with for a fair price, let me know the model,included accessories, problem and cost and I will consider it. Tnx Richy N2ZD

--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> Freddy Thompson Bratton wrote:
>
> > I think those that don't like the 100 should sell their radio,
> > unsubscribe and go on their way. Leave the group to those who enjoy
> > and benefit from all it has to offer. I seldom post but read
> > religiously every day and have kept tons of notes of various ideas and
> > problem solving techniques provided by "you'all".
>
> Freddy, get with it!
> ;-)
>
> Just do as I do, I have a standing offer of
> 100.00 US (Good old USA cash) for any
> FT100D in good condition, with it's
> accessories, box, and instructions.

# 14550. Re: LIDs

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:35:34 UTC
From: ft100guy
Topic: 14539  Message: 14550

> 
> Discourtious operating or causing malicious interference goes way beyond being a LID. I would think terms like moron,
> looser, punk, jerk, sociopath, or even criminal are more appropriate in these cases.
> 
> Lou W7DZN

Hey my wife calls me that!! I take exception to your comments. :-)

Regards.. Richy N2ZD

# 14551. AW: [FT100] Re: To all those who don't want their FT100D's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 13:47:42 UTC
From: 35IR184/35SD184/35LD184
Topic: 14541  Message: 14551

Hi Richy!!
Same here.... I am looking for a Ft100 (could also be one of the first models no probs with that)...

I have one in the shack (FT100D built in dec. 2001) and It works perfect (with the mic-mod done)

I need the second one for a ham-friend of mine, which want to install that super-little-mobile-rig in his boat (fisherman).

So all to you out there want to give away the FT100.... Let me know, we can make a good deal for sure!!!

73s and have a good weekend

OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: ft100guy [mailto:ss409ss@...]
Gesendet: Samstag, 8. Juni 2002 15:34
An: FT100@yahoogroups.com
Betreff: [FT100] Re: To all those who don't want their FT100D's

Heck, I would beat that offer, in fact I would like to purchase a dud or two for some GOOD money. If anyone has one they are looking to part with for a fair price, let me know the model,included accessories, problem and cost and I will consider it. Tnx Richy N2ZD

--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> Freddy Thompson Bratton wrote:
>
> > I think those that don't like the 100 should sell their radio,
> > unsubscribe and go on their way. Leave the group to those who enjoy
> > and benefit from all it has to offer. I seldom post but read
> > religiously every day and have kept tons of notes of various ideas and
> > problem solving techniques provided by "you'all".
>
> Freddy, get with it!
> ;-)
>
> Just do as I do, I have a standing offer of
> 100.00 US (Good old USA cash) for any
> FT100D in good condition, with it's
> accessories, box, and instructions.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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http://docs.yahoo.com/info/terms/

# 14552. Re: Known problems with original FT-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 15:33:38 UTC
From: wb2pfb
Topic: 14543  Message: 14552

Thanks for the tip, I'll look around for the FAQ.

Terry

--- In FT100@y..., Gary Mitchelson <n3jpu@c...> wrote:
> Problems with the FT-100, don't think I've seen anything posted
here to
> that effect!
>
> Seriously there have been gobs of posts here about the problems,
and at
> the end of every message there is a footer that has a link to a
great
> FAQ that will detail the issues. The fixes can be done by the owner
if
> you are carefull.
>
> -----Original Message-----
> From: wb2pfb [mailto:wb2pfb@a...]
> Sent: Saturday, June 08, 2002 05:13
> To: FT100@y...
> Subject: [FT100] Known problems with original FT-100?
>
>
> I have been using an original FT 100 (not a D model)for about 2
years
> without any problems I am aware of. Last weekend I was at a local
> hamfest and two different people asked me if I had any problems and
> had I sent it back for repair.
>
> Am I missing something? Have there been common problems I am not
> aware of, but should be?
>
> Terry WB2PFB
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html

# 14553. Re: Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 17:09:51 UTC
From: kb1flr
Topic: 14546  Message: 14553

Hi Richy,

Thanks for the info. My main problem isn't with technique, its with the Escort itself. Just getting to the appropriate areas (if I could locate them) is difficult due to how packed together everything is. I am currently working on a plan to train my daughter's hamster to perform some of the tasks, as he is the right size for this, hi hi.

Your call sounds familiar, Richy, but I was not in the service.

Thanks for the help and I will continue my search for a path from the cockpit to the battery. (I am picturing Ernest Shackelton for some reason, at this point.)

73 and I hope I can work you 100 to 100 mobile,
KB1FLR, Rick

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> --- In FT100@y..., "kb1flr" <kb1flr@h...> wrote:
> > Hi All,
> >
> > Has anyone ever tried to get power from the battery of a Ford
> Escort
> > ZX-2 2002? The battery is on the driver's side and it looks as
> though
> > the existing wiring comes in on the passenger side, but the
engine
> > compartment is so cramped, I can't see well enough to determine
the
> > path.
> >
> > If anyone knows how to do this, I would be grateful for some
> guidance.
> >
> > 73 de KB1FLR,Rick
>
> Hi Rick,
>
> Look for an opening in the firewall to get a direct pair of heavy
> gauge color coded wires thru to the "cockpit" remember to grommet
the
> opening if you must make a hole or if you use an existing hole make
> sure its well insulated against wire chafing. Do not run this rig
> from any other wiring in the car as most automotive wires will not
> support a full 22 amp draw. Run it directly to the battery and
> remember to place two fuses at the battery terminals in case those

> large wires decide to "mate" with anything on their way into the
car.
> It is imperative that you run the radio directly from the battery
> if you want good results. Keep in mind that some Fords have noisy
> fuel pumps and may cause some noise in the RX. There is a fix if
you
> have that problem, check with Pres Waterman as he has much
experience
> with this. PS I think we worked FT100 to FT100 on 17m, are you in
the
> service?
> Good luck and remember to add the two grounds to the sides of the
> radio when you mount that puppy.. Regards.. Richy N2ZD

# 14554. RE: [FT100] Re: Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 20:57:48 UTC
From: Robert J. Curci
Topic: 14546  Message: 14554

Rick
Have you tried asking your dealer their recommendations? I was at Dayton and GM had a booth that showed recommended radio installation locations to prevent EMI etc. I'm sure that Ford does as well, although I can't find anything on their web site, an owner like yourself might be able to register and find out something.

Good luck,
Bob
n2xr
FT-100D bought at Dayton 2002 with ATAS-100. I love it!
-----Original Message-----
From: kb1flr [mailto:kb1flr@...]
Sent: Saturday, June 08, 2002 1:10 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Escort ZX-2 Install ?

Hi Richy,

Thanks for the info. My main problem isn't with technique, its with the Escort itself. Just getting to the appropriate areas (if I could locate them) is difficult due to how packed together everything is. I am currently working on a plan to train my daughter's hamster to perform some of the tasks, as he is the right size for this, hi hi.

Your call sounds familiar, Richy, but I was not in the service.

Thanks for the help and I will continue my search for a path from the cockpit to the battery. (I am picturing Ernest Shackelton for some reason, at this point.)

73 and I hope I can work you 100 to 100 mobile,
KB1FLR, Rick

--- In FT100@y..., "ft100guy" <ss409ss@a...> wrote:
> --- In FT100@y..., "kb1flr" <kb1flr@h...> wrote:
> > Hi All,
> >
> > Has anyone ever tried to get power from the battery of a Ford
> Escort
> > ZX-2 2002? The battery is on the driver's side and it looks as
> though
> > the existing wiring comes in on the passenger side, but the
engine
> > compartment is so cramped, I can't see well enough to determine
the
> > path.

> >
> > If anyone knows how to do this, I would be grateful for some
> guidance.
> >
> > 73 de KB1FLR,Rick
>
> Hi Rick,
>
> Look for an opening in the firewall to get a direct pair of heavy
> gauge color coded wires thru to the "cockpit" remember to grommet
the
> opening if you must make a hole or if you use an existing hole make
> sure its well insulated against wire chafing. Do not run this rig
> from any other wiring in the car as most automotive wires will not
> support a full 22 amp draw. Run it directly to the battery and
> remember to place two fuses at the battery terminals in case those
> large wires decide to "mate" with anything on their way into the
car.
> It is imperative that you run the radio directly from the battery
> if you want good results. Keep in mind that some Fords have noisy
> fuel pumps and may cause some noise in the RX. There is a fix if
you
> have that problem, check with Pres Waterman as he has much
experience
> with this. PS I think we worked FT100 to FT100 on 17m, are you in
the
> service?
> Good luck and remember to add the two grounds to the sides of the
> radio when you mount that puppy.. Regards.. Richy N2ZD

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[Non-text portions of this message have been removed]

# 14555. LIDs

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 21:48:40 UTC
From: J Craswell
Topic: 14539  Message: 14555

>My understanding if the term "LID" is that it applies to operators who unintentionally cause problems for others by
>their use of bad procedures or having poor operating skills. We've all had our LID moments at one time or another, like
>accidently transmitting on top of the DX station when meaning to transmit on the split frequency, or forgetting to turn
>off the RIT or SPLIT when calling CQ or replying to a CQ, etc.

>Discourtious operating or causing malicious interference goes way beyond being a LID. I would think terms like moron,
>looser, punk, jerk, sociopath, or even criminal are more appropriate in these cases.

>Lou W7DZN

I'm no model of perfection. I've been on the B VFO when I thought I was on the A once or twice. I hate to admit I drove around with the XYL with an open mic on the local VHF repeater. When I contacted the owner he laughed and said "Jay, this is why we call it AMATEUR radio." I use the term LIDs since we can't say what we REALLY want to say.

# 14556. Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 05:39:02 UTC
From: kraftwerk1976
Topic: 14556  Message: 14556

Hi, all. I need to pick up a few microphone connectors for my FT-100. Are these called RJ-12? Anyway, I have found replacement microphones for the FT-100 (and FT-8000, incidentally, which have the same microphone.), but the mic. I ordered comes without a plug (yes, the mic. I ordered has the same diameter cord as the mic. I am replacing). Has anyone obtained microphone connectors for this radio? If so, where may I purchase them at? Thanks for any help you give me.

--Adam

# 14557. RE: [FT100] Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 07:38:53 UTC
From: Eric van de Weyer
Topic: 14556  Message: 14557

Hi Adam,

yes they are RJ-12 connectors which are the same as used for telephone lines. They have 6 contacts. You can also get RJ-12s with only 4 contacts.

You should be able to get them almost anywhere but you will need the special tool to crimp them.

Regards....Eric VK2KUR
-----Original Message-----
From: kraftwerk1976 [mailto:ahannah@...]
Sent: Sunday, 9 June 2002 15:39
To: FT100@yahoogroups.com
Subject: [FT100] Where is a place I can obtain a mic. connector(s)?

Hi, all. I need to pick up a few microphone connectors for my FT-100. Are these called RJ-12? Anyway, I have found replacement microphones for the FT-100 (and FT-8000, incidentally, which have the same microphone.), but the mic. I ordered comes without a plug (yes, the mic. I ordered has the same diameter cord as the mic. I am replacing). Has anyone obtained microphone connectors for this radio? If so, where may I purchase them at? Thanks for any help you give me.

--Adam

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[Non-text portions of this message have been removed]

# 14558. ALC on the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 10:54:57 UTC
From: studduck70668
Topic: 14558  Message: 14558

My ALC does't work as per instruction book ( 4 little lines). When I adjust the Mic gain to abt. 4 lines my output drops off to almost nothing. Has any one had that problem?

# 14559. Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 11:56:42 UTC
From: gordokate
Topic: 14559  Message: 14559

Gidday all,
My FT-100 has an intermittent external speaker socket. The slightest touch of the plug brings audio back ok. I am using the separation kit when in the car and also another speaker when at home. They both exhibit the same problem so it must be the socket.

Any Ideas

Regards
Gordon VK4VP

# 14560. xf-117c filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 13:28:35 UTC
From: Bob Conder
Topic: 14560  Message: 14560

-Had ordered the cw filter for my FT817, and was sent the XF-117c, which won't fit.
Will this filter work with my FT-100 (not D)?
Thanks,
Bob K4RLC

Bob Conder, PsyD, ABPP-CN&RP
Windy Hill, SC
www.CarolinaCNS.Com
www.qrz.com/k4rlc
"To live outside the law you must be honest" B.Dylan

# 14561. Re: [FT100] Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 19:04:46 UTC
From: Howard Cunningham
Topic: 14559  Message: 14561

Are you sure that you are using the correct size plug?

WD5DBC
hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> gordokate@... 06/09/02 07:56AM >>>
Gidday all,
My FT-100 has an intermittent external speaker socket. The
slightest touch of the plug brings audio back ok. I am using the
separation kit when in the car and also another speaker when at
home. They both exhibit the same problem so it must be the socket.

Any Ideas

Regards
Gordon VK4VP

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# 14562. Re: Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-09 22:00:47 UTC
From: john_k2gvp
Topic: 14556  Message: 14562

Adam: You didn't give your call so I don't know which side of the pond you live but it you are in the U.S., I bought my mic connectors at Radio Shack.
73's, John, K2GVP

> Hi, all. I need to pick up a few microphone connectors for my FT-
> 100. Are these called RJ-12? Anyway, I have found replacement
> microphones for the FT-100 (and FT-8000, incidentally, which have the
> same microphone.), but the mic. I ordered comes without a plug (yes,
>
> --Adam

# 14563. Fried Frt. end from overload

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 02:31:32 UTC
From: w4jwm1
Topic: 14563  Message: 14563

my 100 fried the Front End when I accidently keyed up my amp on a
different rig. I can now hear some static & hiss and what sounds
like static crashes on HF without an antenna. Also no stations are
heard.... Obviously I smoked the first amp in the receiver.
What I don't have is a schematic of the 100 and Board Layout. Can
anyone help out?

# 14564. Re: [FT100] Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 03:59:11 UTC
From: Michael Ziebell
Topic: 14556  Message: 14564

Well I had written earlier that I got mine at Great Cables, At www.Greatcables.com.
I talked to them and they can supply both the connector and the receptacle. This is for the 6 pin type and the round cable, connector RJ-12.
Good Luck, 73
Mike... KG6JMM
kraftwerk1976 <ahannah@...> wrote: Hi, all. I need to pick up a few microphone connectors for my FT-
100. Are these called RJ-12? Anyway, I have found replacement
microphones for the FT-100 (and FT-8000, incidentally, which have the
same microphone.), but the mic. I ordered comes without a plug (yes,
the mic. I ordered has the same diameter cord as the mic. I am
replacing). Has anyone obtained microphone connectors for this
radio? If so, where may I purchase them at? Thanks for any help you
give me.

--Adam

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---
Do You Yahoo!?
Sign-up for Video Highlights of 2002 FIFA World Cup

[Non-text portions of this message have been removed]

# 14565. Re: Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 06:26:52 UTC
From: kraftwerk1976
Topic: 14556  Message: 14565

Hi. Thanks for the replies. When you went to greatcables.com, did you order the RJ12 connector for the solid connector or the stranded connector? I know the wires used in the mic. are stranded, but I thought perhaps that one connector might be better than the other. About all I could see was a bulk of 50 connectors for $20. Not a bad deal, but I only need about two of them (4 if I mess up, hehe). I looked in my Radio Shack catalog, but only saw RJ11, 14, 25, and 45. It looks like I am having trouble with a simple problem, hehe.

# 14566. Re: ALC on the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 06:49:51 UTC
From: kb3bmt
Topic: 14558  Message: 14566

--- In FT100@y..., "studduck70668" <studduck70668@y...> wrote:
> My ALC does't work as per instruction book ( 4 little lines). When
I
> adjust the Mic gain to abt. 4 lines my output drops off to almost
> nothing. Has any one had that problem?

---

Did you adjust the ALC while transmitting into a dummy load? My manual warns that transmitting into a feed line/antenna while adjusting will skew the ALC readings due to reflected power. Give it a try.

73 de Jim
KB3BMT

# 14567. Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 15:24:33 UTC
From: Pres Waterman
Topic: 14559  Message: 14567

> My FT-100 has an intermittent external speaker socket. The
> slightest touch of the plug brings audio back ok. I am using the
> separation kit when in the car and also another speaker when at
> home. They both exhibit the same problem so it must be the socket.

Never a bad idea to take the radio apart, and resolder the connector to the PCB using a little fresh solder. Generally, although the socket is a mechanical device, they do not get flaky.

What happens is, inside there is a finger that makes contact from the radio to the speaker and the connection to the speaker is interrupted when you plug in the external speaker. But I think since both internal and external are flaky maybe it is the PCB connection itself.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14568. Re: Known problems with original FT-100?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 19:11:49 UTC
From: ft100guy
Topic: 14543  Message: 14568

> Thanks for the tip, I'll look around for the FAQ.
>
> Terry

One common misconception is that the FT100D is electrically superior to the FT100. Not true.. (Excluding the bells and whistles add-ons of the FT100D they are essentially the same.) They suffer from the same problems Up until the May 01 vintage when the SWR mod started to show up in some of those later FT100D model runs. There was a firmware revision in the FT100D which allows it to work (not intentionally though) with the "tune" button offered by another company (apparently changed to clean up some bugs when the head communicated with the main unit along with a CW character error.) The SWR problem along with the UHF/VHF final overheating problem does exist in all runs that I have seen. Maybe the latest 100D's have it now but noone has said anything yet. Knowing Yaesu's track record with this rig, it may show up within the next few years :-) They will add in these mods on warranty rigs (even out of warranty but check with Yaesu) but expect to wait until the next solar cycle to get it back.
The main thing is to get the fan mod in it as quick as possible, the swr mod problem rears its ugly head out of the box on some, and most will give up the RF ghost within a years time. Some not at all or not noticed or "believed" by the user but it will happen eventually.
If you buy a new one, its best to pop the top and bottom and see whats been modded, people here can help you identify whats done. If you buy a used one, try to see what has been modded or added to the rig before you buy it. The guy who bought mine was one lucky sonuvagun as it had all of the add ons and the mods to boot. Every report on the air was excellent. The trick is to make the radio right whether it needs it or not. Regular or D model is not important. When purchasing, making sure the radio works right is your first concern.
Regards.. Richy N2ZD

# 14569. Re: Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 19:15:48 UTC
From: ft100guy
Topic: 14546  Message: 14569

> 
> 73 and I hope I can work you 100 to 100 mobile,
> KB1FLR, Rick
> 

Thats not possible Rick, but soon you can work me FT100 to TSB2000.
I am trying to figure out how to get an antenna to "stick" to my new
Honda Insight (all aluminum). Once its in I will arrange a sched, you
can work your first "FT100 to Hybrid mobile" contact with me..
Regards.. Richy N2ZD

# 14570. FT-897 release

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 19:57:20 UTC
From: vk8tx
Topic: 14570  Message: 14570

Has anyone heard any updates to the 'new' transciever release date (originally announced at Dayton)? I have not seen anything on the HRO or ARS web.
Cheers, Jim

# 14571. Re: [FT100] FT-897 release

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 20:52:02 UTC
From: A V Flinsch
Topic: 14570  Message: 14571

On Monday 10 June 2002 03:57 pm, you wrote:
> Has anyone heard any updates to the 'new' transciever release date
> (originally announced at Dayton)? I have not seen anything on the
> HRO or ARS web.
> Cheers, Jim

Not on the Yaesu website either.
Probably won't hear anything till after the first shipment clears thru
customs

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14572. Re: [FT100] FT-897 release

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 21:42:56 UTC
From: Nate Bargmann
Topic: 14570  Message: 14572

```
* vk8tx <vk8tx@...> [2002 Jun 10 16:25 -0500]:
> Has anyone heard any updates to the 'new' transciever release date
> (originally announced at Dayton)? I have not seen anything on the
> HRO or ARS web.
> Cheers, Jim

Also of interest is the FT-8900 quad band FM rig, which I missed at
Dayton since I spent little time in the manufacturers' area. Universal
Radio has a web page for it but no info until approved for sale by the
FCC, I guess. It's supposed to cover 10, 6, and 2m plus 70cm FM.

Should be interesting.

73, de Nate >>

--
Wireless | Amateur Radio Station N0NB | "We have awakened a
Internet | n0nb@... | sleeping giant and
Location | Bremen, Kansas USA EM19ov | have instilled in him
Amateur radio exams; ham radio; Linux info @ | a terrible resolve".
http://www.qsl.net/n0nb/ | - Admiral Yamomoto
```

# 14573. Re: [FT100] Re: Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-10 23:52:01 UTC
From: Bill Tarkington
Topic: 14556  Message: 14573

No problem, just have not done your home work. What you need is a simple RJ25 modular phone plug which is a six contact plug precisely matching what Yaesu puts on the mike cord. And, RS will sell you a pack of 10 for something like 3.99. Of course you must have the crimping tool too. RS has that too, but spend the extra bucks and get the metal one rather than the plastic one. Make certain it crimps both 4 and 6 Pin plugs. I just purchased these today, have confirmed they are identical to the original and am about to fix my mike cord. Good Luck! Bill/K3YC
----- Original Message -----
From: "kraftwerk1976" <ahannah@...>
To: <FT100@yahoogroups.com>
Sent: Monday, June 10, 2002 1:26 AM
Subject: [FT100] Re: Where is a place I can obtain a mic. connector(s)?

| Hi. Thanks for the replies. When you went to greatcables.com, did
| you order the RJ12 connector for the solid connector or the stranded
| connector? I know the wires used in the mic. are stranded, but I
| thought perhaps that one connector might be better than the other.
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| deal, but I only need about two of them (4 if I mess up, hehe). I
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| It looks like I am having trouble with a simple problem, hehe.
|
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|
|

# 14574. Re: Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 08:45:14 UTC
From: vk3qi2001
Topic: 14559  Message: 14574

It is interesting that someone has at last reported a fault similar to one that I reported to this group back in January 2001.

What surprises me is that no-one else has reported a similar problem in over 14,000 posts to this group!!!

In my case, it was the external key jack which gave intermittent connection whilst mobile. After much experimenting with a variety of 3.5 mm plug types from a variety of manufacturers (all with slightly different tolerances), I concluded that the vibrations whilst mobile, were slowly working the plug free (it is a stereo plug for dot, dash and earth). The PCB solder connections were FB.

Pulling the rig apart still did not allow me to tighten the socket fingers, as the PCB socket is virtually sealed.

MY FINAL RESOLUTION (rather drastic) was to remove the socket and add a permanent pigtail with socket, similar to the control cable for the FC20 or ATAS lead on the rig. In this way, I could use one of the more reliable and accessible in-line 3.5 mm sockets.

MY SUGGESTION would be to try the same on the extension speaker socket if this is going to be a continuing problem for you.

Access to the socket is by removing the lower cover, but getting to the socket connections is difficult as it requires either lifting the PA board, or carefully breaking the socket and using the existing wires from PCB to socket fingers as the connecting wires to the pigtail. The shield of the pigtail can be anchored to the inside of the case with a solder lug and the lead fed out through the hole where the socket was.

If you want any further information feel free to respond to:

prforbes@bigpond.net.au

Cheers

Peter Forbes VK3QI

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> > My FT-100 has an intermittent external speaker socket. The
> > slightest touch of the plug brings audio back ok. I am using the
> > separation kit when in the car and also another speaker when at
> > home. They both exhibit the same problem so it must be the
socket.
>
> Never a bad idea to take the radio apart, and resolder the

connector to the
> PCB using a little fresh solder. Generally, although the socket is a
> mechanical device, they do not get flaky.
>
> What happens is, inside there is a finger that makes contact from
the radio
> to the speaker and the connection to the speaker is interrupted
when you
> plug in the external speaker. But I think since both internal and
external
> are flaky maybe it is the PCB connection itself.
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14575. Re: [FT100] Re: Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 11:34:42 UTC
From: n4aiw@aol.com
Topic: 14559  Message: 14575

i had this same thing with with an icom and when i bought the matching speaker
for it i noticed that the plug on it looked like a sawed off stereo plug. it was also a
little bit fatter. i took apart my icom 746 my rigblaster and my yahoo 100d and they
all have this plug in i think its kind of a do all. it will work on
mono,stereo and the little bigger plug. maybe vibration will allow the
regular plug to move around from the heat and cold.

cul,n4aiw

# 14576. Re: [FT100] Re: Where is a place I can obtain a mic. connector(s)?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 14:20:17 UTC
From: k9soa@att.net
Topic: 14556  Message: 14576

If you need to have a tool that crimps 4-6-& 8 pin RJ
connectors, Lowes and Home Depot carry them. They are
around $50 but sure comes in handy.

--
Don

www.k9soa.net (EM77EW)

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The House That Listens
Using HAL2000 by Home Automated
Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002
> No problem, just have not done your home work. What you need is a simple
> RJ25 modular phone plug which is a six contact plug precisely matching what
> Yaesu puts on the mike cord. And, RS will sell you a pack of 10 for
> something like 3.99. Of course you must have the crimping tool too. RS has
> that too, but spend the extra bucks and get the metal one rather than the
> plastic one. Make certain it crimps both 4 and 6 Pin plugs. I just
> purchased these today, have confirmed they are identical to the original and
> am about to fix my mike cord. Good Luck! Bill/K3YC
> ----- Original Message -----
> From: "kraftwerk1976" <ahannah@...>
> To: <FT100@yahoogroups.com>
> Sent: Monday, June 10, 2002 1:26 AM
> Subject: [FT100] Re: Where is a place I can obtain a mic. connector(s)?
>
>
> |
> | Hi. Thanks for the replies. When you went to greatcables.com, did
> | you order the RJ12 connector for the solid connector or the stranded
> | connector? I know the wires used in the mic. are stranded, but I
> | thought perhaps that one connector might be better than the other.
> | About all I could see was a bulk of 50 connectors for $20. Not a bad
> | deal, but I only need about two of them (4 if I mess up, hehe). I
> | looked in my Radio Shack catalog, but only saw RJ11, 14, 25, and 45.
> | It looks like I am having trouble with a simple problem, hehe.
> |
> |
> |
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> | Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 14577. Re: xf-117c filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 16:16:24 UTC
From: backhoefade
Topic: 14560  Message: 14577

Since one of the key differences between the FT-100 and FT-100D is the presence of the 500 Hz CW filter it should fit. But call HRO or the Cerritos service center to double check. Or get on CW (or SSB) and ask around. Find out the model number of the CW filter other people are using in their FT-100.
73 Chas N6AF

--- In FT100@y..., Bob Conder <Bconder@c...> wrote:
> -Had ordered the cw filter for my FT817, and was sent the XF-117c, which
> won't fit.
> Will this filter work with my FT-100 (not D)?
> Thanks,
> Bob K4RLC
>
> Bob Conder, PsyD, ABPP-CN&RP
> Windy Hill, SC
> www.CarolinaCNS.Com
> www.qrz.com/k4rlc
> "To live outside the law you must be honest" B.Dylan

# 14578. Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 16:19:02 UTC
From: asi_tek
Topic: 14578  Message: 14578

I am wondering if any one has noticed a loud metallic type whirly sound coming from their fans. It kinda sounds like a ball bearing drag sound and it gets loud from time to time then it quits and is just fine. It sometimes gets raspy and irritating. I checked out the fans and they are not hitting anything. No wires or the circuit board or anything. It sounds like it is coming from only one of the fans. Does anyone know the fix for this. By the way they are clean fans with no dust. Is that one fan about to die? I've only had the radio for about 4 months now and have hardly used it. The radio is the FT-100D with the resistor/ground fan mod done to it. Thanks for any help.

# 14579. RE: [FT100] Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 16:15:59 UTC
From: Paul Henning
Topic: 14578  Message: 14579

Neat thing about fans is that sooner or later they are all prone to the bearing noise you describe. The only real cure is to replace the fan.

73
Paul N. Henning
K9PH
Director of Research and Development
Amtelco
4800 Curtin Drive
McFarland, Wisconsin 53558 USA
Voice - +1 (608)838-4194
FAX - +1 (608)838-8367
e-mail - paul@...
web - http://www.amtelcom.com

-----Original Message-----
From: asi_tek [mailto:asi_tek@...]
Sent: Tuesday, June 11, 2002 11:19 AM
To: FT100@yahoogroups.com
Subject: [FT100] Irritating fan noise....

I am wondering if any one has noticed a loud metallic type whirly sound coming from their fans. It kinda sounds like a ball bearing drag sound and it gets loud from time to time then it quits and is just fine. It sometimes gets raspy and irritating. I checked out the fans and they are not hitting anything. No wires or the circuit board or anything. It sounds like it is coming from only one of the fans. Does anyone know the fix for this. By the way they are clean fans with no dust. Is that one fan about to die? I've only had the radio for about 4 months now and have hardly used it. The radio is the FT-100D with the resistor/ground fan mod done to it. Thanks for any help.

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[Non-text portions of this message have been removed]

# 14580. Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 18:54:32 UTC
From: w7kr
Topic: 14580  Message: 14580

I am getting ready to add the resistor on my FT-100 to keep the fan on for VHF. Radio Shack only sells 47 Ohm resistors. I thought I read a thread a while back that somebody had used a 47 Ohm instead of a 51 Ohm resistor. I assume that the 47 Ohm would work as well?? Any comments?

# 14581. Re: [FT100] Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 19:15:07 UTC
From: Glen Farough
Topic: 14580  Message: 14581

Hello...47 ohms will work ok or
pick up a pair of popular 100 ohm resistors and
twist them together (parallel) and you will have
a 50 ohm resistor. I did this to be closer to
the mod that you mention...
73 de Glen VE7LGF
--- w7kr <w7kr@...> wrote:
> I am getting ready to add the resistor on my FT-100
> to keep the fan
> on for VHF. Radio Shack only sells 47 Ohm resistors.
> I thought I read
> a thread a while back that somebody had used a 47
> Ohm instead of a 51
> Ohm resistor. I assume that the 47 Ohm would work as
> well?? Any
> comments?
>
>

_____
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# 14582. Re: [FT100] Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 19:22:46 UTC
From: W6MDK@AOL.COM
Topic: 14580  Message: 14582

I used a 47 Ohm. It works fine.

# 14583. Re: Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 19:55:54 UTC
From: w7kr
Topic: 14580  Message: 14583

Thanks for the info!

Best 73 - W7KR

# 14584. Re: Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 20:18:16 UTC
From: lhlousek
Topic: 14580  Message: 14584

The resistor value is not critical. Some of us have used 100 ohms. I experimented with a resistor values between 33 and 147 ohms and found that 100 ohms worked well and the fans are significantly quieter than with ~50 ohms.

Use at least a 1W resistor.

Lou W7DZN

# 14585. Re: FT-897 release

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 20:49:02 UTC
From: radiotube321
Topic: 14570  Message: 14585

The FT-897 seems fine, but I wish Yaesu would release a radio like Icom's 756 Pro II... The FT-1000 is a contester's style rig... Yaesu could do a pretty good job if they went for the computerized, super-DSPed, bells and whistles type rig.

--- In FT100@y..., "vk8tx" <vk8tx@y...> wrote:
> Has anyone heard any updates to the 'new' transciever release date
> (originally announced at Dayton)? I have not seen anything on the
> HRO or ARS web.
> Cheers, Jim

# 14586. Resistor Fan Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 21:50:10 UTC
From: Michael Ziebell
Topic: 14586  Message: 14586

Where can I go to see this fan mod? Where do I put the
resistor. Does this mod make the fans run all the
time?
Thanks,
Mike ... KG6JMM

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# 14587. Re: [FT100] Resistor Fan Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 22:02:20 UTC
From: W6MDK@AOL.COM
Topic: 14586  Message: 14587

The resistor goes from one of the fans (black side of the connector) to ground. The best place I've found is the rib that runs laterally acros the entire chasis. I made a loop in the resistor wire and placed it directly over the screwhole so that when the cover is put back in place, the attaching screw holds the loop in place without having to solder anything. That way, should I have to send the rig in for warranty service, I can remove the mod and not void the warranty.

Make sure you secure the resistor wire into the fan connector securely, and that you put electrical tape under the hot side of the resistor wire so that nothing shorts out.

To answer your other question, ye, the fan will now run all the time, at low speed. This will keep the rig from overheating when you are in V/U receive.

73,

Mike
W6MDK

# 14588. Re: Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 22:23:21 UTC
From: radiotube321
Topic: 14578  Message: 14588

That happened to me when I first got my new FT-100D. I fixed it by taking the rear grill off and then sliding the fans out. I spun them around a little, looked inside, and checked to make sure nothing would be sticking in them. Then I put it back in. that fixed it. I think it was caused by the fan leads just touching the fan's fins.

Also, these little plastic fans are notoriously unreliable... You may need to easily replace them from a computer / electronics store. Before you do that, however, peel the little paper label off of the fan and add a drop of silicon lubricant to the little axel. That usually fixes it for about 6 months or more.

--- In FT100@y..., "asi_tek" <asi_tek@y...> wrote:
> I am wondering if any one has noticed a loud metallic type whirly
> sound coming from their fans. It kinda sounds like a ball bearing
> drag sound and it gets loud from time to time then it quits and is
> just fine. It sometimes gets raspy and irritating. I checked out the
> fans and they are not hitting anything. No wires or the circuit board
> or anything. It sounds like it is coming from only one of the fans.
> Does anyone know the fix for this. By the way they are clean fans
> with no dust. Is that one fan about to die? I've only had the radio
> for about 4 months now and have hardly used it. The radio is the FT-
> 100D with the resistor/ground fan mod done to it. Thanks for any help.

# 14589. Re: Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 00:33:10 UTC
From: asi_tek
Topic: 14578  Message: 14589

Squirted a droplet of WD-40 in the axles of the fan and they are now
smooth like the day I got the radio. We will see how long this lasts.
Thanks so much for the info!!!

--- In FT100@y..., "radiotube321" <radiotube321@y...> wrote:
> That happened to me when I first got my new FT-100D. I fixed it by
> taking the rear grill off and then sliding the fans out. I spun them
> around a little, looked inside, and checked to make sure nothing
would
> be sticking in them. Then I put it back in. that fixed it. I think
it
> was caused by the fan leads just touching the fan's fins.
>
> Also, these little plastic fans are notoriously unreliable... You
may
> need to easily replace them from a computer / electronics store.
> Before you do that, however, peel the little paper label off of the
> fan and add a drop of silicon lubricant to the little axel. That
> usually fixes it for about 6 months or more.
>
>
> --- In FT100@y..., "asi_tek" <asi_tek@y...> wrote:
> > I am wondering if any one has noticed a loud metallic type whirly
> > sound coming from their fans. It kinda sounds like a ball bearing
> > drag sound and it gets loud from time to time then it quits and
is
> > just fine. It sometimes gets raspy and irritating. I checked out
the
> > fans and they are not hitting anything. No wires or the circuit
board
> > or anything. It sounds like it is coming from only one of the
fans.
> > Does anyone know the fix for this. By the way they are clean fans
> > with no dust. Is that one fan about to die? I've only had the
radio
> > for about 4 months now and have hardly used it. The radio is the
FT-
> > 100D with the resistor/ground fan mod done to it. Thanks for any
help.

# 14590. Re: [FT100] Resistor Fan Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 01:32:20 UTC
From: Michael Ziebell
Topic: 14586  Message: 14590

Thanks Mike, I can use this information.
I've only had mine for about three months but when I
go onto our local net here it warms up some.

73's
Mike ... KG6JMM

--- W6MDK@... wrote:
> The resistor goes from one of the fans (black side
> of the connector) to
> ground. The best place I've found is the rib that
> runs laterally acros the
> entire chasis. I made a loop in the resistor wire
> and placed it directly
> over the screwhole so that when the cover is put
> back in place, the attaching
> screw holds the loop in place without having to
> solder anything. That way,
> should I have to send the rig in for warranty
> service, I can remove the mod
> and not void the warranty.
>
> Make sure you secure the resistor wire into the fan
> connector securely, and
> that you put electrical tape under the hot side of
> the resistor wire so that
> nothing shorts out.
>
> To answer your other question, ye, the fan will now
> run all the time, at low
> speed. This will keep the rig from overheating when
> you are in V/U receive.
>
> 73,
>
> Mike
> W6MDK
>
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# 14591. Re: [FT100] Re: Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 01:36:01 UTC
From: George Encarnacion
Topic: 14578  Message: 14591

I find that synthetic lube oil works best. Used to oil PC cooling fans &
radio cooling fans with a slot car bushing oil - never lasted too long
and would get noisy after some time. The bushing and bearing type fans
I've oiled with automotive synthetic lube oil have been running quiet
and haven't had to touch them again. One quart will last you a lifetime
;-) Actually I filled-up a small 1/2 oz. needle oiler when I did an oil
change oil in the xyl's minivan.

73, George AH6BV / w1

On Wed, 12 Jun 2002 00:33:10 -0000 "asi_tek" <asi_tek@...> writes:
Squirted a droplet of WD-40 in the axles of the fan and they are now
smooth like the day I got the radio. We will see how long this lasts.
Thanks so much for the info!!!

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[Non-text portions of this message have been removed]

# 14592. Brand new - no Tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 01:56:40 UTC
From: lowrey_06119
Topic: 14592  Message: 14592

I ordered the FT-100D on the 18th of May from Gigaparts - wanted to grab the coupon while it was offered. Got the rig, listened for a bit to familiarize myself with the controls. Went to Tx. Nothing. It is on its way back to Huntsville AL. The reception on the rig was impressive. I got CW on 10m from forty miles away - mobile. SSB from Belgrade received in Connecticut like Ivan was in the same room.

The lack of quality control is unimpressive. It cost me twenty bucks to listen for a couple of days. Now I have nothing but disappointment with Yaesu and Gigaparts.

Gigaparts was aware of the no Tx problem that reappeared recently.

Interestingly, they were testing rigs that were going out as replacements but not first-time sales.

I am looking at the SGC 2020 now. Too bad Kachina stopped making the MP-25.

# 14593. RE: [FT100] Brand new - no Tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 02:17:42 UTC
From: Robert J. Curci
Topic: 14592  Message: 14593

Well, I also got one that didn't Tx. Not only that but the rig was so hot to the touch just on Rx that you couldn't hold it in your hands for 10 sec. I bought mine at Dayton from AES and had them ship it to my house. It arrived in that condition. I called AES Cleveland and spoke with Rod, WN8R, who sold me the rig, and he told me to send it back. I did, and he sent me the new one. It's working FB in the mobile. He was a pleasure to do business with. I've never ordered anything from Gigaparts, as a matter of fact, never even heard of them until your post.

My advice, give the rig another chance.

73 de Bob
n2xr
-----Original Message-----
From: lowrey_06119 [mailto:lowrey_06119@...]
Sent: Tuesday, June 11, 2002 9:57 PM
To: FT100@yahoogroups.com
Subject: [FT100] Brand new - no Tx

I ordered the FT-100D on the 18th of May from Gigaparts - wanted to grab the coupon while it was offered. Got the rig, listened for a bit to familiarize myself with the controls. Went to Tx. Nothing. It is on its way back to Huntsville AL. The reception on the rig was impressive. I got CW on 10m from forty miles away - mobile. SSB from Belgrade received in Connecticut like Ivan was in the same room.

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[Non-text portions of this message have been removed]

# 14594. Re: [FT100] Brand new - no Tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 03:36:36 UTC
From: Michael Ziebell
Topic: 14592  Message: 14594

I too ordered my FT-100D from GigaParts. I have had no
problem with it. It does get a little warm in vhf/uhf
mode but not that bad. I don't think it's GigaParts
problem. I've ordered an gotten a FT-7100, it to works
great. Seems you just got a bad hand.
Hang in there,
Mike... KG6JMM

--- lowrey_06119 <lowrey_06119@...> wrote:
> I ordered the FT-100D on the 18th of May from
> Gigaparts - wanted to
> grab the coupon while it was offered. Got the rig,
> listened for a
> bit to familiarize myself with the controls. Went
> to Tx. Nothing.
> It is on its way back to Huntsville AL. The
> reception on the rig was
> impressive. I got CW on 10m from forty miles away -
> mobile. SSB
> from Belgrade received in Connecticut like Ivan was
> in the same room.
>
> The lack of quality control is unimpressive. It
> cost me twenty bucks
> to listen for a couple of days. Now I have nothing
> but
> disappointment with Yaesu and Gigaparts.
>
> Gigaparts was aware of the no Tx problem that
> reappeared recently.
>
> Interestingly, they were testing rigs that were
> going out as
> replacements but not first-time sales.
>
> I am looking at the SGC 2020 now. Too bad Kachina
> stopped making the
> MP-25.
>
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# 14595. Re: To all those who don't want their FT100D's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-08 01:07:23 UTC
From: WB5MHA
Topic: 14541  Message: 14595

Tim,

You have yourself a deal. The only problem is that Yaesu service cannot seem to find my FT100 that they have had since March. Also, they are unable to communicate via email so no luck notifying me of my rig's status there. The tech I finally got on the phone after an hour's wait said that the company had changed his password so he was unable to look it up in the computer. Finally, the billing clerk said she showed that for some reason I owed Vertex (not Yaesu) money since the warranty information was lost at Yaesu. However my rig and all it's paperwork could not be located.

The rig doesn't seem to exist any longer.

However, if you cut a check to Vertex for 105 bucks and send it to them you can pretend they returned an FT100 in time for Field Day---
In FT100@y..., Tim <tmaxwell@n...> wrote:
> Freddy Thompson Bratton wrote:
>
> > I think those that don't like the 100 should sell their radio,
> > unsubscribe and go on their way. Leave the group to those who
enjoy
> > and benefit from all it has to offer. I seldom post but read
> > religiously every day and have kept tons of notes of various
ideas and
> > problem solving techniques provided by "you'all".
>
> Freddy, get with it!
> ;-)
>
> Just do as I do, I have a standing offer of
> 100.00 US (Good old USA cash) for any
> FT100D in good condition, with it's
> accessories, box, and instructions.
> (Regardless of the swr/fan/mike mod status.)
>
> Anyone who wishes to "get out", can do
> so by just mailing me, KA2PKH, their radio
> in the above condition, with the standard
> accessories, and I will happily send them
> a money order or check, for the one hundred
> dollars US cash.
> That's it!
>
> Email me to tell me you're sending the radio:
> tmaxwell@n...

>
> Don't forget to let me know where to
> send the money.
>
> Tim
> KA2PKH
> Box 8810, albany, NY 12208
>
> ;-)
> ;-)
> ;-)
>
> Seriously though, I'll honor all requests.
> Especially if they come before Field Day!
>
>
>
>
> [Non-text portions of this message have been removed]

# 14596. Re: [FT100] Temp MO

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-11 19:01:33 UTC
From: Scott Kamm
Topic: 14580  Message: 14596

No problem.I put a 39 ohm resister in mine.

w7kr wrote:

> I am getting ready to add the resistor on my FT-100 to keep the fan
> on for VHF. Radio Shack only sells 47 Ohm resistors. I thought I read
> a thread a while back that somebody had used a 47 Ohm instead of a 51
> Ohm resistor. I assume that the 47 Ohm would work as well?? Any
> comments?
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
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# 14597. Re: [FT100] Re: FT-897 release

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 01:36:18 UTC
From: Norm, W3IZ
Topic: 14570  Message: 14597

Contesters are the ones that will spend big $$$$ on a super duper rig.
----- Original Message -----

The FT-897 seems fine, but I wish Yaesu would release a radio like Icom's 756 Pro II... The FT-1000 is a contester's style rig... Yaesu could do a pretty good job if they went for the computerized, super-DSPed, bells and whistles type rig.

[Non-text portions of this message have been removed]

# 14598. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 10:27:57 UTC
From: fhbixler
Topic: 14500  Message: 14598

Thanks to all those who offered advice. I figured out my problem. As a review I was getting intermittant tuning problems with my ATAS-100 and FT-100D whenever I would remove and reinstall the FT-100. I noticed that just moving the coax a few inches would change the tuning of the ATAS.

My 100 has the SWR mod.

I did some experimenting with coax length, placement, etc. I remember reading that some screwdriver antennas have tuning problems and sometimes lengthing the coax can help. This helped me also. I experimented with lengths until I found the magic length of 10 feet. The ATAS now tunes solid across all bands.

I do still notice some waivering of the swr during transmission so I went to the web site I use for my source for mobile problems, www.k2bj.com and read up on my problems. Ground, Ground, Ground .... So my weekend is set for me to work on this also.

This is a great rig and I'm having a blast with it and believe me, with over 25 years as a Ham, I've gone through alot of rigs (I'm rough on 'em).

Floyd/WD8DUP sends

# 14599. Sorry off topic but need some advise for a POWER GENERATOR (Fieldday!)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 12:09:13 UTC
From: 35IR184/35SD184/35LD184
Topic: 14599  Message: 14599

Hello to all Forum members!

Sorry about this message, it has nothing to do directly with the FT100....
But I need an urgent advise for a HONDA Power Generator (fieldday).

Did anybody make some experience with the "Honda EU10I"??? (very handy one!! Small!!)

Would be nice to get some infos from some out there who have made some experience with Honda Generators as well...

TNX a lot for your help!

73s OE5CSP Chris
"FT100D is the best without any doubts"

# 14600. Re: xf-117c filter

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 12:24:15 UTC
From: n8zb
Topic: 14560  Message: 14600

BTW there has been a number of these filters appearing on Ebay and have been going for very reasonable prices. $30-$40. I assume because the FT-100D comes with the filter, somebody has a surplus of these and they are clearing out at greatly reduced prices.

Bob

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> Since one of the key differences between the FT-100 and FT-100D is
> the presence of the 500 Hz CW filter it should fit. But call HRO
or
> the Cerritos service center to double check. Or get on CW (or SSB)
> and ask around. Find out the model number of the CW filter other
> people are using in their FT-100.
> 73 Chas N6AF
>
> --- In FT100@y..., Bob Conder <Bconder@c...> wrote:
> > -Had ordered the cw filter for my FT817, and was sent the XF-
117c,
> which
> > won't fit.
> > Will this filter work with my FT-100 (not D)?
> > Thanks,
> > Bob K4RLC
> >
> > Bob Conder, PsyD, ABPP-CN&RP
> > Windy Hill, SC
> > www.CarolinaCNS.Com
> > www.qrz.com/k4rlc
> > "To live outside the law you must be honest" B.Dylan

# 14601. RE: [FT100] Sorry off topic but need some advise for a POWER GENE RATOR (Fieldday!)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 12:34:44 UTC
From: Janez Majdič
Topic: 14601  Message: 14601

Hello,

I used this one at IARU Region I. Fieldday two weeks ago. I used FT-100 (100W) with FC-20 Antenna Tuner, Notebook Panasonic CF-71 (Toughbook), Toshiba Notebook and fill up accumulator on 12V all that on Honda EU10i in standby position on altitude 1632m ASL. There was no problem whatsoever with aggregate. Temperature was about 10 degrees C. I can't tell what was the consumption of fuel, because I used it only about 4 hours, beginning with full tank, ending with a little less, but still quite enough, so it is probably near the consumption, stated in manual. It is small, very handy, quiet nice looking aggregate. OK?

Best regards de Janez - S51JM

-----Original Message-----
From: 35IR184/35SD184/35LD184 [mailto:35AT184@...]
Sent: 12. junij 2002 14:09
To: 'FT100-Forum'
Subject: [FT100] Sorry off topic but need some advise for a POWER GENERATOR (Fieldday!)

Hello to all Forum members!

Sorry about this message, it has nothing to do directly with the FT100....
But I need an urgent advise for a HONDA Power Generator (fieldday).

Did anybody make some experience with the "Honda EU10I"??? (very handy one!! Small!!)

Would be nice to get some infos from some out there who have made some experience with Honda Generators as well...

TNX a lot for your help!

73s OE5CSP Chris
"FT100D is the best without any doubts"

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[Non-text portions of this message have been removed]

# 14602. Re: SWR problems on 440MC

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 12:49:16 UTC
From: smvkC
Topic: 14433  Message: 14602

Replying to my msg. about SWR problems I just want to tell that the problems is gone!
I made the SWR modification by grounding as described in this news grou and all SWR problems are gone.

I have also made the FAN modification for fan running on slow speed on VHF/UHF receive (resistor mod) and this works exelent.

Regards, Peter SM6VKC

--- In FT100@y..., hamradio@t... wrote:
>
>
> I have read about SWR problems on the old type (first type) of FT-100.
> is ther anybody who can give me some tip about this problem exept for
> sending it to the radio-repair-man...?
> I know it will take at least a moth to get it fixed of him so please?
> This is the problem:
> On the old type (NOT FT-100D) the SWR icon sometimes appear when I transmit
> on 440MC.
> Antennas are OK, I have checked with several and dummy load.
> I think I can fix it my self if I only get some information about how.
> Best regards Peter SM6VKC
>
> hamradio@t...

# 14603. AW: [FT100] Sorry off topic but need some advise for a POWER GENERATOR (Fieldday!)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 12:49:49 UTC
From: 35IR184/35SD184/35LD184
Topic: 14601  Message: 14603

Hi Janez!
Hey super fast answer!!!

Its good to hear that it worked good on the fieldday my friend.
I have an appointment with my dealer here next week, I will try that
before I buy :-))))
I´d like to use also a small amplifier with approx. 3 to maximum of 400W
pep so this should be managed by the generator Janez!!

I will have nearly the same setup like you (FT100 + Acer Notebook) and
the amplifier in standby....

BIG TNX again Janez, and I will let you know if I buy it how it worked
ok??!!

73s from Chris OE5CSP

Have a nice day all!!

-----Ursprüngliche Nachricht-----
Von: Janez Majdiè [mailto:jmajdic@...]
Gesendet: Mittwoch, 12. Juni 2002 14:35
An: FT100@yahoogroups.com
Betreff: RE: [FT100] Sorry off topic but need some advise for a POWER
GENERATOR (Fieldday!)

Hello,

I used this one at IARU Region I. Fieldday two weeks ago. I used FT-100
(100W) with FC-20 Antenna Tuner, Notebook Panasonic CF-71 (Toughbook),
Toshiba Notebook and fill up accumulator on 12V all that on Honda EU10i
in
standby position on altitude 1632m ASL. There was no problem whatsoever
with
aggregate. Temperature was about 10 degrees C. I can't tell what was the
consumption of fuel, because I used it only about 4 hours, beginning
with
full tank, ending with a little less, but still quite enough, so it is
probably near the consumption, stated in manual. It is small, very
handy,
quiet nice looking aggregate. OK?

Best regards de Janez - S51JM

-----Original Message-----
From: 35IR184/35SD184/35LD184 [mailto:35AT184@...]

Sent: 12. junij 2002 14:09
To: 'FT100-Forum'
Subject: [FT100] Sorry off topic but need some advise for a POWER GENERATOR
(Fieldday!)

Hello to all Forum members!

Sorry about this message, it has nothing to do directly with the FT100....
But I need an urgent advise for a HONDA Power Generator (fieldday).

Did anybody make some experience with the "Honda EU10I"??? (very handy one!! Small!!)

Would be nice to get some infos from some out there who have made some experience with Honda Generators as well...

TNX a lot for your help!

73s OE5CSP Chris
"FT100D is the best without any doubts"

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
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# 14604. : Resistor Fan Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 13:04:07 UTC
From: smvkC
Topic: 14586  Message: 14604

Ckeck this site if you not already have it:

http://www.mods.dk

Go to YAESU, FT100 and you will find "Thermal modification"
There you have photo of how to do.
I have done it my self and it keeps the radio cool.

This is another good site:
http://k0lee.com/ft100faq.html

Regards, Peter SM6VKC

--- In FT100@y..., Michael Ziebell <mjziebell@y...> wrote:
> Where can I go to see this fan mod? Where do I put the
> resistor. Does this mod make the fans run all the
> time?
> Thanks,
> Mike ... KG6JMM
>
> _____
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> http://fifaworldcup.yahoo.com

# 14605. Re: Irritating fan noise....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 15:03:55 UTC
From: ft100guy
Topic: 14578  Message: 14605

--- In FT100@y..., "asi_tek" <asi_tek@y...> wrote:
> I am wondering if any one has noticed a loud metallic type whirly
> sound coming from their fans. It kinda sounds like a ball bearing
> drag sound and it gets loud from time to time then it quits and is
> just fine. It sometimes gets raspy and irritating. I checked out
the
> fans and they are not hitting anything. No wires or the circuit
board
> or anything. It sounds like it is coming from only one of the fans.
> Does anyone know the fix for this. By the way they are clean fans
> with no dust. Is that one fan about to die? I've only had the radio
> for about 4 months now and have hardly used it. The radio is the FT-
> 100D with the resistor/ground fan mod done to it. Thanks for any
help.

Mine did it for a month or so, then it went away.. Regards.. Richy
N2ZD

You can change out the fans if you like or see if it subsides. Sounds
like the grease in the lifetime bearings isnt where its supposed to
be..

# 14606. Re: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 15:17:58 UTC
From: John Spiceman
Topic: 14500  Message: 14606

The ATAS100 seems to be very particular. Mine worked beautifully right out of the box when attached to an MFJ mag mount on the trunk lid. I found that moving it from the front of the lid to the back, a distance of only 18", made a difference in SWR. In a very unscientific test, I had two stations listen for any signal strength difference. Both noted almost an S unit change from one position to another. It was almost hard to believe.

It would be very interesting to be able to see the RF lobe changes with position of the antenna. Also, in my situation, how the lobes change with a ground attached at the antenna base vs. no ground attached at the base.

Would the lobes change shape ???

John Morris - WB0RLD

--- fhbixler <wd8dup@...> wrote:
> Thanks to all those who offered advice. I figured
> out my problem.
> As a review I was getting intermittant tuning
> problems with my ATAS-
> 100 and FT-100D whenever I would remove and
> reinstall the FT-100. I
> noticed that just moving the coax a few inches would
> change the
> tuning of the ATAS.
>
> My 100 has the SWR mod.
>
> I did some experimenting with coax length,
> placement, etc. I remember
> reading that some screwdriver antennas have tuning
> problems and
> sometimes lengthing the coax can help. This helped
> me also. I
> experimented with lengths until I found the magic
> length of 10 feet.
> The ATAS now tunes solid across all bands.
>
> I do still notice some waivering of the swr during
> transmission so I
> went to the web site I use for my source for mobile

> problems,
> www.k2bj.com and read up on my problems. Ground,
> Ground,
> Ground .... So my weekend is set for me to work on
> this also.
>
> This is a great rig and I'm having a blast with it
> and believe me,
> with over 25 years as a Ham, I've gone through alot
> of rigs (I'm
> rough on 'em).
>
> Floyd/WD8DUP sends
>
>

---
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http://fifaworldcup.yahoo.com

# 14607. New kid on the block

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 16:11:51 UTC
From: Frank van Wensveen
Topic: 14607  Message: 14607

Hi, everyone. Just to introduce myself: I'm Frank van Wensveen, PA3GMP, living in Capelle aan den IJssel (near Rotterdam) in the Netherlands (JO21GW). I've got an FT100 which I bought second-hand for a very good price, but that voids Yaesu warranty so I'm on my own. :-)

I've just joined the list, so first I'm going to browse the archive on Yahoo.

73,

Frank PA3GMP

# 14608. Re: Brand new - no Tx

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 16:15:17 UTC
From: jroofjr
Topic: 14592  Message: 14608

Same thing happened to me. However, I feel Gigaparts is doing their
best to correct the problem. Can't fault them.......Yaesu however?
Joe W4JHR

-- In FT100@y..., "lowrey_06119" <lowrey_06119@y...> wrote:
> I ordered the FT-100D on the 18th of May from Gigaparts - wanted to
> grab the coupon while it was offered. Got the rig, listened for a
> bit to familiarize myself with the controls. Went to Tx. Nothing.
> It is on its way back to Huntsville AL. The reception on the rig
was
> impressive. I got CW on 10m from forty miles away - mobile. SSB
> from Belgrade

# 14609. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 16:38:40 UTC
From: backhoefade
Topic: 14500  Message: 14609

If the antenna presents a 50 Ohm resistive load (or nearly), i.e. is resonant at your transmit frequency, then you shouldn't have to play with feedline lengths. But that's one way to swing a non-ideal load around and bring it closer to 50 Ohms as seen at the rig's output connector. It may be difficult to make this work at all you operating frequencies.

I suspect that I can kill the "SWR" bug with my mag-mount antenna set-up by adding some coax. Thanks for discussing it. The thing that bugs me is that I know that the "SWR" bug is really a 13.65 MHz spurious oscillation, so if adding a length of coax eliminates it, that tells me that the bug is still in there despite the fact that I have the Cerritos SWR mod. That means the spurious issue is still potentially there depending on what load is presented to the rig. Oh well; if I can add 6 or 8 feet of coax and that kills it that will be fine; just as long as it is permanently and reliably gone. I'll try experimenting with different lengths. Thanks.
73 N6AF Chas

--- In FT100@y..., "fhbixler" <wd8dup@a...> wrote:
> Thanks to all those who offered advice. I figured out my problem.
> As a review I was getting intermittant tuning problems with my ATAS-
> 100 and FT-100D whenever I would remove and reinstall the FT-100.
I
> noticed that just moving the coax a few inches would change the
> tuning of the ATAS.
>
> My 100 has the SWR mod.
>
> I did some experimenting with coax length, placement, etc. I
remember
> reading that some screwdriver antennas have tuning problems and
> sometimes lengthing the coax can help. This helped me also. I
> experimented with lengths until I found the magic length of 10
feet.
> The ATAS now tunes solid across all bands.
>
> I do still notice some waivering of the swr during transmission so
I
> went to the web site I use for my source for mobile problems,
> www.k2bj.com and read up on my problems. Ground, Ground,
> Ground .... So my weekend is set for me to work on this also.
>
> This is a great rig and I'm having a blast with it and believe me,
> with over 25 years as a Ham, I've gone through alot of rigs (I'm

> rough on 'em).
>
> Floyd/WD8DUP sends

# 14610. To those who don't want their FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 17:33:38 UTC
From: J Craswell
Topic: 14610  Message: 14610

I bought a "dead" FT-100 on this group and after replacing two SMT resistors
(And a DC:DC Chip that was not broken) got it working. I paid $300 for it
so all you guys who are annoyed with yours tell me the condition and maybe
I'll slap together a radio for my XYL!

73 de Jay W0VNE

# 14611. New FT 100 D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 20:19:54 UTC
From: Alan Gault
Topic: 14611  Message: 14611

Hi

Wonder if anyone knows a source for a European spec FT 100 D and ATAS 100 cheaper than UK? Any help and dealer details appreciated.

Alan

MI 3 KWB

[Non-text portions of this message have been removed]

# 14612. Re: To those who don't want their FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-12 22:00:25 UTC
From: backhoefade
Topic: 14610  Message: 14612

That's good trouble-shooting. So what led you to the root cause;
just no DC power on one of the main busses?
N6AF Chas

--- In FT100@y..., "J Craswell" <jay@i...> wrote:
> I bought a "dead" FT-100 on this group and after replacing two SMT
resistors
> (And a DC:DC Chip that was not broken) got it working. I paid $300
for it
> so all you guys who are annoyed with yours tell me the condition
and maybe
> I'll slap together a radio for my XYL!
>
> 73 de Jay W0VNE

# 14613. Re: To those who don't want their FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 00:35:32 UTC
From: radiotube321
Topic: 14610  Message: 14613

Risky though, isn't it? Couldn't the whole thing be fried, or is that very rare?

--- In FT100@y..., "J Craswell" <jay@i...> wrote:
> I bought a "dead" FT-100 on this group and after replacing two SMT resistors
> (And a DC:DC Chip that was not broken) got it working. I paid $300 for it
> so all you guys who are annoyed with yours tell me the condition and maybe
> I'll slap together a radio for my XYL!
>
> 73 de Jay W0VNE

# 14614. RE: [FT100] New FT 100 D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 06:16:38 UTC
From: Janez Majdič
Topic: 14611  Message: 14614

http://www.wimo.de <http://www.wimo.de>

-----Original Message-----
From: Alan Gault [mailto:alan.r.gault@...]
Sent: 12. junij 2002 22:20
To: FT100@yahoogroups.com
Subject: [FT100] New FT 100 D

Hi

Wonder if anyone knows a source for a European spec FT 100 D and ATAS 100
cheaper than UK? Any help and dealer details appreciated.

Alan

MI 3 KWB

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14615. Euro spec FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 09:18:19 UTC
From: Ian Foster
Topic: 14615  Message: 14615

Hi all,

As far as I can tell, the only difference in the various spec units is the microprocessor located just behind the bulkhead of the main unit.

I have just converted a Japanese market unit to a more open USA spec by purchasing a replacement microprocessor at a cost of approx $US20.

Some considerable care is required in the transplant but is worth the effort.

As a matter of interest, the JA version has very limited coverage on 6 metres and above and no amount of modifications will open the JA version up to the levels that most are used to getting.

A replacement CPU board is also available however the cost would be approx $US125 which is probably a reasonable price if you do not have a steady hand for removal and replacement of SMC's

My CPU was ordered locally and sourced from Vertex in Japan.

In essence, almost any spec unit will be ok if you are prepared to do a little work to make it suit what you want. So hunt around for the best price and do not close off options just because the spec is not what you want.

Ian Foster, VK3ST
i.foster@...
i.foster@...

-----Original Message-----
From: Alan Gault [mailto:alan.r.gault@...]
Sent: 12. junij 2002 22:20
To: FT100@yahoogroups.com
Subject: [FT100] New FT 100 D

Hi

Wonder if anyone knows a source for a European spec FT 100 D and ATAS 100
cheaper than UK? Any help and dealer details appreciated.

Alan

MI 3 KWB

[Non-text portions of this message have been removed]

# 14616. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 10:35:50 UTC
From: fhbixler
Topic: 14500  Message: 14616

One last note and this and I think we've burro'd it into the ground as far as it will go:

I don't think that just the ATAS is touchy, I'd be willing to ask some of the other screwdriver owners in the group how their "first" installation went.

Anyway, I don't think you can filter out any internal oscillation by just changing the coax, so I still don't believe my particular FT has a problem. More than likely my remaining waivering SWR on transmit is due to grounding and I'm just gonna have to roll up my sleeves and go "fish".

Anyway, I mentioned before but the web site that I use for my source for solving mobile questions is www.k2bj.com. Also, I believe it was www.anntenex.com where I read that lengthing the coax can improve the tuning on some screwdriver antenna installations. Both good sites.

"Remember the rule - Enjoy the hobby!"

WD8DUP/Floyd sends 73

# 14617. RE: [FT100] New kid on the block

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 13:12:41 UTC
From: Eric van de Weyer
Topic: 14607  Message: 14617

Just don't tell them that you bought it second hand and they probably won't know the difference.

73....Eric VK2KUR
-----Original Message-----
From: Frank van Wensveen [mailto:frankvw@...]
Sent: Thursday, 13 June 2002 02:12
To: ft100@yahoogroups.com
Subject: [FT100] New kid on the block

Hi, everyone. Just to introduce myself: I'm Frank van Wensveen, PA3GMP, living in Capelle aan den IJssel (near Rotterdam) in the Netherlands (JO21GW). I've got an FT100 which I bought second-hand for a very good price, but that voids Yaesu warranty so I'm on my own. :-)

I've just joined the list, so first I'm going to browse the archive on Yahoo.

73,

Frank PA3GMP

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14618. RE: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 13:46:09 UTC
From: Eric van de Weyer
Topic: 14500  Message: 14618

I have had no problems with my ATAS installation.

I have a little Daihatsu Move with the FT100D mounted under the passenger's seat and remote head in the dash. The radio is mounted to the seat, not the floor.

The ATAS is mounted on a very basic right angle stainless steel bracket which is bolted to the aluminium track which runs along each side of the roof and is designed to take roof bars. I also have another mount on the opposite side which is for my Outbacker Junior.

The two coaxes run down to an antenna switch on the floor and thence to the radio.

For power I have two heavy duty cables coming from the battery into the passenger compartment. The positive goes to a set of fuses which then supply the various radios, outlets etc. and the negative goes to a (very) convenient bolt which is welded to the frame. I then take my power leads from this bolt and the fuse to the FT100D.

I have NO extra earthing at the radio and NO extra earthing at the antenna and it all works perfectly.

I have never experienced the SWR problem although I have done the SWR mod as well as the fan mod anyhow just as a precaution, it never raised it's head even before I did the mod.

This set-up has been working extremely well for months and I have worked quite a bit of DX with it. The only thing is that the ATAS is mounted up on top of the car roof so it doesn't have any metal body parts up close to it, they are all below it.

As an aside, I am figuring out the design of a new motorised mount for the ATAS which will allow me to tilt the antenna over into a near horizontal position when I want to enter a garage or similar low area as the new work QTH we are moving to has parking under the building and at present I have to stop and remove the ATAS before I enter - a pain when it's raining etc.

I love this set-up and only wish I had the $$$$$ to get a couple more FT100Ds and ATAS-100s.

73....Eric VK2KUR
-----Original Message-----
From: fhbixler [mailto:wd8dup@...]
Sent: Thursday, 13 June 2002 20:36
To: FT100@yahoogroups.com
Subject: [FT100] Re: Intermittent Mobile SWR Problem - Solved

One last note and this and I think we've burro'd it into the ground as far as it will go:

I don't think that just the ATAS is touchy, I'd be willing to ask some of the other screwdriver owners in the group how their "first" installation went.

Anyway, I don't think you can filter out any internal oscillation by just changing the coax, so I still don't believe my particular FT has a problem. More than likely my remaining waivering SWR on transmit is due to grounding and I'm just gonna have to roll up my sleeves and go "fish".

Anyway, I mentioned before but the web site that I use for my source for solving mobile questions is www.k2bj.com. Also, I believe it was www.anntenex.com where I read that lengthing the coax can improve the tuning on some screwdriver antenna installations. Both good sites.

"Remember the rule - Enjoy the hobby!"

WD8DUP/Floyd sends 73

Post message: FT100@yahoogroups.com
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14619. Re: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 15:30:41 UTC
From: Paul Manuel
Topic: 14500  Message: 14619

--- backhoefade <cgarner@...> wrote:
> > I suspect that I can kill the "SWR" bug with my mag-mount antenna set-
> up by adding some coax.. The thing that bugs me is that I know that
the "SWR" bug is really a 13.65 MHz spurious oscillation,

Chas,
Make absolutely sure that the oscillation is really happening this time.
It might just be an external grounding problem. When I moved my 100 from a
car using two ball mounts, to one using a tri-magnet mount, I had SWR
difficulties and RF in my audio. I had to run a ground from the mag mount
to the hatchback cover, to the body of the car itself, using ground braid.
A clue was that the SWR changed drastically in rainy weather, which
provided a better ground due to the car being wet and dirty. I also could
not use the antenna at the back of the roof (where I thought it looked
better,) but had to put it in the center, where it is surrounded by sheet
metal.
73,
Paul K4PDM

_____
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Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 14620. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 15:53:06 UTC
From: backhoefade
Topic: 14500  Message: 14620

Ok - I'll take the analyzer out to the driveway at some point. (I got an HP analyzer for seventeen bucks at our company auction! What a deal). I was considering adding a ground strap in any case to the mag mount base. I have a Honda Prelude so there's a huge 'hole' in the top of the car; the sunroof. That gives me plenty of access to the mag mount antenna when it's 'thunked' on the roof just behind the sunroof. I think I could run a short thick braid ground strap from the mag base to one of the bolts along the edge of the sunroof opening. Any ground should help. It's interesting because some days the mag mount works like gang busters but then other times (like the trip up the hill that prompted that one 'complaint posting') I simply can't shake the SWR problem, no matter where I place the mag mount. So between adding a ground connection to the base and perhaps toying with the feedline length I bet I can get repeatable, solid performance. (Knock on ground !)
Thanks for the ideas.
73 N6AF Charles

--- In FT100@y..., Paul Manuel <k4pdm@y...> wrote:
> --- backhoefade <cgarner@h...> wrote:
> > > I suspect that I can kill the "SWR" bug with my mag-mount antenna set-
> > up by adding some coax.. The thing that bugs me is that I know that
> the "SWR" bug is really a 13.65 MHz spurious oscillation,
>
> Chas,
> Make absolutely sure that the oscillation is really happening this time.
> It might just be an external grounding problem. When I moved my 100 from a
> car using two ball mounts, to one using a tri-magnet mount, I had SWR
> difficulties and RF in my audio. I had to run a ground from the mag mount
> to the hatchback cover, to the body of the car itself, using ground braid.
> A clue was that the SWR changed drastically in rainy weather, which
> provided a better ground due to the car being wet and dirty. I also could
> not use the antenna at the back of the roof (where I thought it looked
> better,) but had to put it in the center, where it is surrounded by sheet
> metal.

> 73,
> Paul K4PDM
>
>
> _____
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> http://fifaworldcup.yahoo.com

# 14621. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 15:57:53 UTC
From: backhoefade
Topic: 14500  Message: 14621

Tell me roughly how long your coax feedline is.
thanks
N6AF Chas

--- In FT100@y..., "Eric van de Weyer" <eric@v...> wrote:
> I have had no problems with my ATAS installation.
>
> I have a little Daihatsu Move with the FT100D mounted under the
passenger's
> seat and remote head in the dash. The radio is mounted to the seat,
not the
> floor.
>
> WD8DUP/Floyd sends 73
>
>
>

# 14622. RE: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 16:11:51 UTC
From: Bixler, Floyd
Topic: 14500  Message: 14622

My feedline from the FT100 base to the ATAS is a total of 9 feet, 3 feet
from the mount and 6 from the FT base. Good Luck!

Floyd/WD8DUP sends.

-----Original Message-----
From: backhoefade [mailto:cgarner@...]
Sent: Thursday, June 13, 2002 3:58 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Tell me roughly how long your coax feedline is.
thanks
N6AF Chas

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14623. RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 16:38:12 UTC
From: w6mdk
Topic: 14623  Message: 14623

I have what I would call a severe RFI problem with my FT100D/ATAS-100 installation, and was wondering if anyone has had the same experience and managed to fix it.

I have a proper installation (from everything I can tell). Tuning is flawless, with low SWR across the bands. I have a separate V/U antenna, and use the ATAS-100 for 40-6. BTW, the installation is in a
2002 Ford Explorer.

For the most part (at least on 40,20, 17 and 15) I have fairly severe RFI. It is not the fuel pump. It is either alternator or spark plug, I believe, as the pitch is directly proportional to the engine speed. The interesting part is that if I touch the whip of the ATAS-100 while the rig is in receive, the noise just about disappears. This does not happen if I touch a grounded part of the antenna, or any part of the rig itself. This leads me to wonder if the noise is being picked up through the DC line at all, or if there is some other problem. If it is not coming in through the power leads, I doubt it would be fixed by putting a filter in the power line, but I could be wrong.

One last thing - the problem is independent of the location of either the rig or the antenna. I have tried various different mounting schemes.

Any ideas out there?

73,

Mike
W6MDK

# 14624. RE: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 16:44:07 UTC
From: Bixler, Floyd
Topic: 14623  Message: 14624

Have you ever disconnected the antenna completely to see if the noise went away. I had a problem with RFI indoors and disconnecting the antenna showed me it was radiating. Before I could call the local electric company through an accident I found out that my TV was the cause, all the way to just before driving into the garage (at least 40 feet!!)

Floyd/WD8DUP sends

-----Original Message-----
From: w6mdk [mailto:W6MDK@...]
Sent: Thursday, June 13, 2002 4:38 PM
To: FT100@yahoogroups.com
Subject: [FT100] RFI Problem

I have what I would call a severe RFI problem with my FT100D/ATAS-100 installation, and was wondering if anyone has had the same experience and managed to fix it.

I have a proper installation (from everything I can tell). Tuning is flawless, with low SWR across the bands. I have a separate V/U antenna, and use the ATAS-100 for 40-6. BTW, the installation is in a
2002 Ford Explorer.

For the most part (at least on 40,20, 17 and 15) I have fairly severe RFI. It is not the fuel pump. It is either alternator or spark plug, I believe, as the pitch is directly proportional to the engine speed. The interesting part is that if I touch the whip of the ATAS-100 while the rig is in receive, the noise just about disappears. This does not happen if I touch a grounded part of the antenna, or any part of the rig itself. This leads me to wonder if the noise is being picked up through the DC line at all, or if there is some other problem. If it is not coming in through the power leads, I doubt it would be fixed by putting a filter in the power line, but I could be wrong.

One last thing - the problem is independent of the location of either the rig or the antenna. I have tried various different mounting schemes.

Any ideas out there?

73,

Mike
W6MDK

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html
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[Non-text portions of this message have been removed]

# 14625. Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 16:59:02 UTC
From: w8jw
Topic: 14623  Message: 14625

Hello Mike,

How are you getting power to the FT100? Is it a direct wire to the
battery terminals? Did you tap into a fuse panel under the dashboard?
Did you connect a good ground from the hood hinge to the fender to
the firewall?

Good luck,
73s de John W8JW
Rochester, NY

# 14626. Re: [FT100] To those who don't want their FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 17:53:17 UTC
From: Frank van Wensveen
Topic: 14610  Message: 14626

On Wed, 12 Jun 2002 12:33:38 -0500, you wrote:

> I bought a "dead" FT-100 on this group and after replacing two SMT resistors
> (And a DC:DC Chip that was not broken) got it working.
Does that mean you have the FT100 service manual?

Regards,
Frank

-- No man is an island if he's on at least one mailing list.

==========================================
Email: frankvw@...
Homepage: http://www.vanwensveen.nl
==========================================

# 14627. Re: [FT100] New FT 100 D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 18:03:11 UTC
From: Frank van Wensveen
Topic: 14611  Message: 14627

On Wed, 12 Jun 2002 21:19:54 +0100, you wrote:

> Hi
>
> Wonder if anyone knows a source for a European spec FT 100 D and ATAS 100 cheaper than UK? Any help and dealer details appreciated.

Don't worry too much about European or American specs. You can set the country code with the F-menu's 57 and 58 (DESTINA) .

73,

Frank PA3GMP

# 14628. Re: [FT100] Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 18:07:22 UTC
From: Frank van Wensveen
Topic: 14500  Message: 14628

On Thu, 13 Jun 2002 10:35:50 -0000, you wrote:

> Anyway, I don't think you can filter out any internal oscillation by
> just changing the coax, so I still don't believe my particular FT has
> a problem.
The FT does have some oscillation problems (which require the "SWR
mod" to tame them) but apart from that I have the impression that
these oscillations are connected to antenna tuning. (I use a dipole
and an MFJ-971 transmatch, I don't have an ATAS.) At least in my FT100
the oscillations are most common during antenna tuning when the
antenna is completely mismatched to the rig's output impedance.

73,

Frank PA3GMP

# 14629. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 18:35:19 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14629

THat's the next thing I'll try. Thanks.

# 14630. Re: [FT100] Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 18:36:36 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14630

In a message dated 6/13/2002 9:59:57 AM Pacific Daylight Time,
jwoika@... writes:

> How are you getting power to the FT100?

Direct wiring to the battery terminals.

Did you connect a good ground from the hood hinge to the fender to
the firewall?

No. I'll do that.

THanks

[Non-text portions of this message have been removed]

# 14631. Re: [FT100] Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 18:53:43 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14631

I just went out and tried it without the antenna. Here is what found.

I have almost no noise when the antenna is not mounted. But I also have low noise when the antenna is mounted, but not tuned to the asame frequency as the rig. If the antenna is sat for, say, 20 meters but the rig is tuned ot 40, there is loiw noise. As soon as I tune the antenna, the noise level comes up.

Could this be simply a matter of grounding?

Mike

# 14632. Re: [FT100] To those who don't want their FT-100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 19:03:53 UTC
From: k9soa@att.net
Topic: 14610  Message: 14632

Does that mean that YOU DON'T have the service manual?

First thing I do when I get a new rig is order the
complete technical and service manual. Might never use
it but it sure is handy when you need it.

FT-847, FT-8500, FT-100D, FT-1500M, FT-2600M, ATAS, FC-
20, the 800 rotor, and one little Icom.

--
Don

www.k9soa.net (EM77EW)

Home of "JEANNIE"
The House That Listens
Using HAL2000 by Home Automated Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002
> On Wed, 12 Jun 2002 12:33:38 -0500, you wrote:
>
> > I bought a "dead" FT-100 on this group and after replacing two SMT resistors
> > (And a DC:DC Chip that was not broken) got it working.
> Does that mean you have the FT100 service manual?
>
>
>
> Regards,
> Frank
>
> -- No man is an island if he's on at least one mailing list.
>
> ==========================================
> Email: frankvw@...
> Homepage: http://www.vanwensveen.nl
> ==========================================
>
>
> Post message: FT100@yahoogroups.com
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>

# 14633. Having problems connecting the HC5 Heil to my FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 19:31:30 UTC
From: 35IR184/35SD184/35LD184
Topic: 14633  Message: 14633

Hello!

Got my HC5 Headset from heil today, but it doesnt work....
I have the AD-100 Adapter, the AD-1-Y cable, so everything should work ok..

When I connect the small chinch to the adapter, the vox works (without headphones just the mic!)
If I connect the Headphones jack to the adapter (as stated in the manual) the radio immediately jumps over to "transmit" but it doesn□t....

So anyone made the same experience with it?? The mic and works 100%, and the headphones too (tested on my HIFI set at home)... But not altogether on my FT100D ... :-((((

Anyone has some advise for me what to do before calling the dealer in germany????

TNX a lot

Chris OE5CSP

# 14634. Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 20:32:38 UTC
From: backhoefade
Topic: 14623  Message: 14634

I haven't been following the thread but based on what you just wrote I would conclude that you have a radiated EMI situation rather than a conducted one, although you might have a bit of the latter when your vehicle is running. What your simple tests have proven pretty well is that the noise you're hearing is entering via the antenna. That may sound like a rather trivial deduction but it's the first basic question for trouble-shooting noise; you need to determine if the "path" is conducted (i.e. via DC power lines or other conductors) or radiated (i.e. via the antenna). There are cases of radiated "cabinet" susceptibility whereby the RF interference gets in directly throught the equipment cabinet (chassis) but your radiated input is largely via the antenna input. That said, your point about the noise level rising when you tune the rig/matching unit to the receive frequency indicates that you have a broadband external noise source. When you tune your setup to the receive frequency you're just optimizing the receive system for that frequency, so the noise level into the front end rises. Here's what I'd try next - take a drive out of the local area to a spot you know about that's far from any power distribution lines and commercial broadcast stations. Even commercial AM broadcast stations have a quantified noise power spectral density that extends above and below their desired transmit signal. I'm referring to the noise floor of their transmitter chain, including any final RF filtering, rather than the fundamental signal sidebands. Generally you will suffer most from power distribution related noise in most areas. So now you have an excuse to take a country drive. I'll be curious to know how quiet you find it.
Once you confirm that the noise is all about your property you can use a common portable AM broadcast receiver to track down the source. If you have an old AM radio that has a somewhat 'directive' ferrite rod type internal antenna that will be your RDF unit, more appropriately called an NDF unit in this case. Good luck.
N6AF Charles

--- In FT100@y..., W6MDK@A... wrote:
> I just went out and tried it without the antenna. Here is what found.
>
> I have almost no noise when the antenna is not mounted. But I also have low
> noise when the antenna is mounted, but not tuned to the asame frequency as
> the rig. If the antenna is sat for, say, 20 meters but the rig is tuned ot
> 40, there is loiw noise. As soon as I tune the antenna, the noise level

> comes up.
>
> Could this be simply a matter of grounding?
>
> Mike

# 14635. Re: [FT100] Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 21:15:56 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14635

Dear Charles,

Your conclusion is anything but trival, and I thank you for it. SOmetimes what seems obvious to others is not obvious to the person having the problem.

I am going to take a ride up to Mount WIlson (about 25 miles from where I live). This will get me away from almost everything, until I actually get to the mountain. There, I will be subjected to about every form of RF you can imagine. But the road up is isolated, and in the shadow of the mountain itself.

I'll let you know what I find.

I really DO appreciate all the help. Thanks to all whoi are responding.

73,

Mike
W6MDK

# 14636. Re: [FT100] New FT 100 D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 22:22:57 UTC
From: Alan Gault
Topic: 14611  Message: 14636

Hi

Thanks for the info received so far. Interesting to find that the country can be set by the menu's. I take it this means when set to a particular country it will operate on that country's bands.

Alan

MI3 KWB

[Non-text portions of this message have been removed]

# 14637. Re: New FT 100 D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 23:21:18 UTC
From: backhoefade
Topic: 14611  Message: 14637

Be aware that anytime you change the country setting (even if you put it back to the initial country it was set to) you will wipe out all your custom settings such as RCW, mode choices, beep on/off, etc. In other words it will revert back to all the original factory defaults. I'm not certain but I think you may also wipe out all your stored frequencies. Someone else can confirm that.
N6AF Chas

--- In FT100@y..., "Alan Gault" <alan.r.gault@b...> wrote:
> Hi
>
> Thanks for the info received so far. Interesting to find that the country can be set by the menu's. I take it this means when set to a particular country it will operate on that country's bands.
>
> Alan
>
> MI3 KWB
>
>
> [Non-text portions of this message have been removed]

# 14638. Re: (FT-100D) yo mun, we be hammin'!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 06:23:30 UTC
From: cherokeeguy777@aol.com
Topic: 14638  Message: 14638

Well I finally got my ft-100d installed in my Toyota 4runner. It works flawlessly! All of the mods have been done except the mic mod. I'll do that soon along with purchasing a Clearspeach speaker. Also, to whom it may concern, I have NO RFI problems in my toyota.YEAH!! This is a great rig!! In closing I'll say 'We be hammin' and i hope you like hammin' too!!'(ala Bob Marley)

# 14639. Intermittent VHF TX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 06:24:40 UTC
From: gedoz
Topic: 14639  Message: 14639

It hasn't happened in the last few days, but this is the scenario...

I'll be talking with someone on a repeater, and then after a transmission they'll tell me I'm not making it. Then for a little while after, the radio will not transmit. It says it's transmitting, at full power even, but there's no signal out from the radio (this was confirmed with my HT's receiver in the vehicle). Then, it will start working again.

This does not happen after extended use. It usually happens within a few transmissions of the first one made. I really doubt it has anything to do with overheating. And the fact that the radio switches to TX, but doesn't transmit, rules out a microphone switch problem.

So...any clues anyone?

Steve- KD1XH

# 14640. Re: [FT100] Re: (FT-100D) yo mun, we be hammin'!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 10:05:30 UTC
From: W6MDK@AOL.COM
Topic: 14638  Message: 14640

Congrats, my frind. It would appear that the Explorer takes the RFI prize. Its one I'd rather have go to a different vehicle. At least I have a real challenge on my hands.
Seriously, this proves that this rig is no worse than any other complex piece of equipment that has bewen designed and built by man. In fact, I challenge the complainers to design and build a working prototype of a similar rig that is without sin. Let that individual cast the first stone.

By the way, if you have any older, tube-type equipment, I have a surplus of grid leak drip pans that may come in handy, hi! hi!.

Seriously, I am please that your has worked out so well. It means the rest can be perfected, given a little knowledge and understanding, tempered with some patience and good humor. CONQUER MY RADIATED RFI PROBLEM I SHALL..

73, and happy mobile DXing.

Mike
W6MDK

# 14641. 140 ~ 170mhz deafness!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 10:30:25 UTC
From: vk2qf
Topic: 14641  Message: 14641

Hi all, just outlayed 990US$ in Australia for a s/h FT100! It is deaf on this segment, totally actually, discovered Fxx menus and they are averate!

Is that likely to be Q1005?

Anyone else had this?

Nev VK2QF.

# 14642. Re: [FT100] Intermittent VHF TX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 12:05:52 UTC
From: Paul Manuel
Topic: 14639  Message: 14642

Steve,
It sounds like your rig is dropping into a spurious transmission. It is putting out a carrier, but not on the intended frequency. Mine does this occasionally on 440 even though the spurious mod is done.
In my case, the SWR indicator goes up at the same time, indicating an out-of-band spurious signal. Does your SWR indicator rise?
By the way, keep an eye on this situation--it can lead to destruction of the final if you transmit too long with this happening (and the repair from Yaesu is so expensive, its probably not worth doing.)
73,
Paul K4PDM
--- gedoz <kd1xh@...> wrote:
>> I'll be talking with someone on a repeater, and then after a
> transmission they'll tell me I'm not making it. Then for a little
> while after, the radio will not transmit.

_____
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# 14643. Re: Intermittent Mobile SWR Problem - Solved

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 14:10:40 UTC
From: Bob Evans
Topic: 14500  Message: 14643

Floyd,

If the "waivering SWR on transmit" only occurs when you are moving, then you are probably just seeing the tip of the ATAS-100 moving around and slightly affecting the SWR. No worries on that unless you're whip is too close to the car body. If you were to take a ground mounted vertical and lean it over while you watched the SWR, it would also change as the antenna moved in relation to its ground plane. Ground plane is the effective ground under each antenna...car body or real ground.

Good luck. It takes a few attempts to get a mobile installation perfected but it is well worth the trouble to make these little antennas play up to their full potential, which can be quite potent when done right!

Bob K5WA

>>Anyway, I don't think you can filter out any internal oscillation by
>>just changing the coax, so I still don't believe my particular FT has
>>a problem. More than likely my remaining waivering SWR on transmit
>>is due to grounding and I'm just gonna have to roll up my sleeves and
>>go "fish".
>>WD8DUP/Floyd sends 73

# 14644. Re: Intermittent VHF TX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 14:15:37 UTC
From: smvkC
Topic: 14639  Message: 14644

I had the same problem on my rig.
I made the grounding modification as recomended from Yaesu.
See this page:

http://k0lee.com/modpics.htm

Please tell if it helped for you!

//Peter SM6VKC

--- In FT100@y..., "gedoz" <kd1xh@a...> wrote:
> It hasn't happened in the last few days, but this is the scenario...
>
> I'll be talking with someone on a repeater, and then after a
> transmission they'll tell me I'm not making it. Then for a little
> while after, the radio will not transmit. It says it's
transmitting,
> at full power even, but there's no signal out from the radio (this
was
> confirmed with my HT's receiver in the vehicle). Then, it will
start
> working again.
>
> This does not happen after extended use. It usually happens within
a
> few transmissions of the first one made. I really doubt it has
> anything to do with overheating. And the fact that the radio
switches
> to TX, but doesn't transmit, rules out a microphone switch problem.
>
> So...any clues anyone?
>
> Steve- KD1XH

# 14645. Re: [FT100] Having problems connecting the HC5 Heil to my FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 15:58:01 UTC
From: Bill Terry
Topic: 14633  Message: 14645

Chris
You are making an honest mistake. The connector on
the adapter that looks like an earphone connection is
actually for a PTT switch. You have to plug the
earphone lead into the usual earphone connector on the
FT-100. It will require another adapter. 1/4 to stereo
plug.
Bill K4BYR
--- 35IR184/35SD184/35LD184 <35AT184@...> wrote:
> Hello!
>
>
>
> So anyone made the same experience with it?? The mic
> and works 100%, and
> the headphones too (tested on my HIFI set at
> home)... But not altogether
> on my FT100D ... :-((((
>
>

---
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# 14646. Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 16:08:44 UTC
From: Tim
Topic: 14623  Message: 14646

backhoefade wrote:

> Once you confirm that the noise is all about your property you can
> use a common portable AM broadcast receiver to track down the source.
> If you have an old AM radio that has a somewhat 'directive' ferrite
> rod type internal antenna that will be your RDF unit, more
> appropriately called an NDF unit in this case. Good luck.
> N6AF Charles
>

A point. I've noticed the steadily increasing
"noise pollution" with each generation of
computer monitor. I went from a 15 inch,
to a 17 inch, and recently to a 21 inch. All
have been Trinitron monitors. Each time the
interference increases.

Around you neighborhood you may find,
if it's reasonably populated, that because of
increased computer usage, your radio
spectrum may be quite crowded with "pollution"
similar to the light "pollution" that amateur
astronomers have been complaining about for
years.

I've taken a meter to my monitors, and while
they may be well shielded to the front, back,
and sides, they are lacking at the bottom, and
top. This despite so called the so called
"Swedish Standards" (for reduced radiation.)
I do realize that monitors of today are better
at protecting their users from directed radiation,
but that says nothing regarding the remaining
radiation leakage...

Since FT100's are so mobile, it seems that
they are the first to encounter band spanning
pollution in the field.

Tim
KA2PKH

[Non-text portions of this message have been removed]

# 14647. Fixing Broken FT100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 14:06:18 UTC
From: J Craswell
Topic: 14647  Message: 14647

Message: 12
Date: Thu, 13 Jun 2002 19:53:17 +0200
From: Frank van Wensveen <frankvw@...>
Subject: Re: To those who don't want their FT-100s

On Wed, 12 Jun 2002 12:33:38 -0500, you wrote:

> I bought a "dead" FT-100 on this group and after replacing two SMT
resistors
> (And a DC:DC Chip that was not broken) got it working.
Does that mean you have the FT100 service manual?

Regards,
Frank

-- No man is an island if he's on at least one mailing list.

Yes, I purchased the service manual and while on the topic I made a phone call to Yaesu service and the techs gave me some tips that led me right to the problem! Good guys and very helpfull. BTW the FT-100 and Ft-100D are the same thing outside of a different speaker and the stock filters *Or so I think?

73 de Jay W0VNE

p.s. Please sell me more broken FT-100s A very nice radio!

# 14648. Re: Fixing Broken FT100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 16:35:36 UTC
From: backhoefade
Topic: 14647  Message: 14648

The D model also has the higher stability oscillator and, I believe,
a CTCSS (or some-such) decoder; these two items were extra options
for the non D model. So basically four differences in all, ignoring
the raised chassis top of the D, a physical difference.
N6AF Chas

--- In FT100@y..., "J Craswell" <jay@i...> wrote:
> Message: 12
> Date: Thu, 13 Jun 2002 19:53:17 +0200
> From: Frank van Wensveen <frankvw@e...>
> Subject: Re: To those who don't want their FT-100s
>
> On Wed, 12 Jun 2002 12:33:38 -0500, you wrote:
>
> > I bought a "dead" FT-100 on this group and after replacing two SMT
> resistors
> > (And a DC:DC Chip that was not broken) got it working.
> Does that mean you have the FT100 service manual?
>
>
>
> Regards,
> Frank
>
> -- No man is an island if he's on at least one mailing list.
>
> Yes, I purchased the service manual and while on the topic I made a
phone
> call to Yaesu service and the techs gave me some tips that led me
right to
> the problem! Good guys and very helpfull. BTW the FT-100 and Ft-
100D are
> the same thing outside of a different speaker and the stock filters
*Or so I
> think?
>
> 73 de Jay W0VNE
>
> p.s. Please sell me more broken FT-100s A very nice radio!

# 14649. Re: [FT100] Having problems connecting the HC5 Heil to my FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-13 23:15:18 UTC
From: Norm, W3IZ
Topic: 14633  Message: 14649

Make sure you are not plugging the phones into the PTT for foot switch.
Norm
----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Thursday, June 13, 2002 3:31 PM
Subject: [FT100] Having problems connecting the HC5 Heil to my FT100D

Hello!

Got my HC5 Headset from heil today, but it doesnt work....
I have the AD-100 Adapter, the AD-1-Y cable, so everything should work
ok..

When I connect the small chinch to the adapter, the vox works (without
headphones just the mic!)
If I connect the Headphones jack to the adapter (as stated in the
manual) the radio immediately jumps over to "transmit" but it
doesn't....

So anyone made the same experience with it?? The mic and works 100%, and
the headphones too (tested on my HIFI set at home)... But not altogether
on my FT100D ... :-((((

Anyone has some advise for me what to do before calling the dealer in
germany????

TNX a lot

Chris OE5CSP

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14650. Re: [FT100] Having problems connecting the HC5 Heil to my FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 16:46:27 UTC
From: k9soa@att.net
Topic: 14633  Message: 14650

Did the same thing with the Heil and a FT-847.

Instructions not really clear about that.

Plugged in a foot switch and everything worked right.

--
Don

www.k9soa.net (EM77EW)

Home of "JEANNIE"
The House That Listens
Using HAL2000 by Home Automated
Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002
> Chris
> You are making an honest mistake. The connector on
> the adapter that looks like an earphone connection is
> actually for a PTT switch. You have to plug the
> earphone lead into the usual earphone connector on the
> FT-100. It will require another adapter. 1/4 to stereo
> plug.
> Bill K4BYR
> --- 35IR184/35SD184/35LD184 <35AT184@...> wrote:
> > Hello!
> >
> >
> >
> > So anyone made the same experience with it?? The mic
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> >
>
>
> _____
> Do You Yahoo!?
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> http://fifaworldcup.yahoo.com
>

>
> Post message: FT100@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 14651. Free KENWOOD, ICOM and YAESU Manuals for download

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 16:53:37 UTC
From: l566cx
Topic: 14651  Message: 14651

I came across this extremely useful web page for free radio manual downloads for Icom, Kenwood, and Yaesu radios and accessories both current stuff and older rigs as well.

Schematic diagrams are included with most. It includes complete service mnauals also for a few of the products. A great find!

http://www.ab7sl.com/index.html?row1col2=links.html

John Smith - KB9BMB 73'

# 14652. AW: [FT100] Having problems connecting the HC5 Heil to my FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 19:51:07 UTC
From: 35IR184/35SD184/35LD184
Topic: 14633  Message: 14652

I want to say thank you very much for all your informative answers....
This is a GREAT COMMUNITY.......

TNX again everythings clear now!!!

73s Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: k9soa@... [mailto:k9soa@...]
Gesendet: Freitag, 14. Juni 2002 18:46
An: FT100@yahoogroups.com
Betreff: Re: [FT100] Having problems connecting the HC5 Heil to my
FT100D

Did the same thing with the Heil and a FT-847.

Instructions not really clear about that.

Plugged in a foot switch and everything worked right.

--
Don

www.k9soa.net (EM77EW)

Home of "JEANNIE"
The House That Listens
Using HAL2000 by Home Automated
Living
Seen on HGTV's Dream Builder show

Featured Home of the Month
Home Automation Magazine March 2002
> Chris
> You are making an honest mistake. The connector on
> the adapter that looks like an earphone connection is
> actually for a PTT switch. You have to plug the
> earphone lead into the usual earphone connector on the
> FT-100. It will require another adapter. 1/4 to stereo
> plug.
> Bill K4BYR
> --- 35IR184/35SD184/35LD184 <35AT184@...> wrote:
> > Hello!
> >
> >
> >
> > So anyone made the same experience with it?? The mic

> > and works 100%, and
> > the headphones too (tested on my HIFI set at
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> > on my FT100D ... :-((((
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
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# 14653. FT 100's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 23:05:05 UTC
From: Alan Gault
Topic: 14653  Message: 14653

Hi

Given the recent replies to my questions can any one point me in the direction of dealers in US or Canada who will ship me a rig and antenna to Northern Ireland? Many thanks in advance.

Alan

MI3 KWB

[Non-text portions of this message have been removed]

# 14654. FT-100D on 7.025 / 14.025

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-14 23:31:34 UTC
From: backhoefade
Topic: 14654  Message: 14654

I'll be hanging around 7.025 and 14.025 tonight (Friday night) so hopefully I'll hear a few other FT-100(D)s. We can move to SSB after making CW contact.
Have a good weekend and 73 to the group,

N6AF Chas (Northern California)

# 14655. Re: [FT100] Re: (FT-100D) yo mun, we be hammin'!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 03:48:09 UTC
From: cherokeeguy777@aol.com
Topic: 14638  Message: 14655

FYI. The ATAS is mounted on a Yakima tube rail for my luggage rack. It is about half-way up (from front to rear) on the passenger side. I have some 10ga wire attached to the bracket and run just inside my rear door for ground. On the rig, I've also got some 10ga wire from one of the mounting bracket holes to the floorboard for ground. WE BE HAMMIN'!! Still need a good 2m/70cm antenna to really finish the job right.

73's
Steve
KC8LQV

# 14656. Help Dead 2m Rx!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 04:30:04 UTC
From: vk2qf
Topic: 14656  Message: 14656

Suspect my secondhand FT100 has a blown Q1005 SGM2016, can anyone on this group locate this device so I can make some measurements around it and inject some signal either side of it. This is prior to a service manual I guess!

Nev VK2QF.

# 14657. FT-100 back from Yeasu

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 05:28:16 UTC
From: G. L. Richmond
Topic: 14657  Message: 14657

Hello All,

Well, after 3 months in the hands of Yeasu .. I finally got it back.. 96 days later

Many calls to them to track the progress of the Mods and alignment check... Plus being ONE of many reading Chip the riot act at ham-Com in Dallas, for the long delays for any repair work regardless of radio being in or out of warranty...

Got a call this past Monday for Yeasu to advise that the Ft-100 was on its way back..

Normal rate for 1 hour on the bench is $70 dollars an hour... Since they were taking so long to get the radios out, they charged only $35 dollars and tossed in 3 day shipping...

So far, everything looks OK... only time will tell... Took Pics before the radio left my hands, and compared them to radio since return... looks like everything was done per request and per what Yeasu said they were gonna do..

Gerald N5ZXJ

# 14658. rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 15:47:05 UTC
From: slashthedevil
Topic: 14658  Message: 14658

hello everyone
i am looking for some help,i have done the rx/tx frequency mod on my ft100 and followed all instructions and can not get the mod to work,can anyone tell me what i am doing wrong.
thanks Shaun

# 14659. Re: Fixing Broken FT100s

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 16:42:10 UTC
From: ft100guy
Topic: 14647  Message: 14659

Yes and no, there is a firmware difference between the two.
Communication between the head unit and the main radio were changed.
If I remember correctly this was brought to our attention by the guys
who make the tuner thing for the radio, they deemed it roadworthy on
the FT100D but not the 100, all in all they are in fact the same sans
options..
Regards.. Richy N2ZD

--- In FT100@y..., "backhoefade" <cgarner@h...> wrote:
> The D model also has the higher stability oscillator and, I
believe,
> a CTCSS (or some-such) decoder; these two items were extra options
> for the non D model. So basically four differences in all,
ignoring
> the raised chassis top of the D, a physical difference.
> N6AF Chas

Jay wrote:

BTW the FT-100 and Ft-
> 100D are
> > the same thing outside of a different speaker and the stock
filters
> *Or so I
> > think?
> >
> > 73 de Jay W0VNE
> >
> > p.s. Please sell me more broken FT-100s A very nice radio!

# 14660. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 16:47:20 UTC
From: ft100guy
Topic: 14658  Message: 14660

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

Follow thru on the button pressing as per the written mod, on mine I didnt see the replies back on the display which usually trips everyone up. It echoes back but too fast for the naked eye.. I hope this is for MARS/CAP as I sure hope your not chicken bandin the thing!! :-P Regards.. Richy N2ZD

# 14661. RF into speakers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 18:15:44 UTC
From: xtraham2001
Topic: 14661  Message: 14661

I have a problem with audio into the speaakers of the vehicle.I have a 2002 Chevrolet Venture van any one have a FT100 in use in such a vehicle? Any thoughts vehicle radio is off it sounds like RF int the speakers. Gil

# 14662. Re: [FT100] RF into speakers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 21:23:44 UTC
From: AA8PA
Topic: 14661  Message: 14662

I had the same problem with my Buick LaSabre. The problem went away after I grounded my FT100.

ed

----- Original Message -----
From: "xtraham2001" <n7gh@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, June 15, 2002 2:15 PM
Subject: [FT100] RF into speakers

> I have a problem with audio into the speaakers of the vehicle.I have
> a 2002 Chevrolet Venture van any one have a FT100 in use in such a
> vehicle? Any thoughts vehicle radio is off it sounds like RF int the
> speakers. Gil
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

# 14663. Re: [FT100] RF into speakers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 22:34:06 UTC
From: Dick Thompson
Topic: 14661  Message: 14663

Gil,

You might try wrapping the speaker leads around a toroid or two. Also, if accessible, try putting a small capacitor from the speaker leads to ground.

73,

Dick
WB0DUL@...

----- Original Message -----
From: xtraham2001
To: FT100@yahoogroups.com
Sent: Saturday, June 15, 2002 12:15 PM
Subject: [FT100] RF into speakers

I have a problem with audio into the speaakers of the vehicle.I have
a 2002 Chevrolet Venture van any one have a FT100 in use in such a
vehicle? Any thoughts vehicle radio is off it sounds like RF int the
speakers. Gil

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14664. ATAS-100 will not tune 40 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 01:36:12 UTC
From: ng3f
Topic: 14664  Message: 14664

Hey, I need some help. I just installed my FT-100D and ATAS-100 on my 2001 S10. Everything is working fine except the ATAS-100 wont tune up on 40m.
I added and extra ground to the antenna mount as well as to mounting bracket
of the FT-100. The top of the base of the ATAS-100 is level with the bed
of the truck, but the whip is completely clear even in the fully retracted
position. I do not have a cap on the truck.

Thanks in advance.

# 14666. 2001 Chevy S10 Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 02:00:05 UTC
From: ng3f
Topic: 14666  Message: 14666

See the pics of my FT-100D and ATAS-100 as it is installed
in my 2001 Chevy S10 Pickup. I installed them today 6/15.
Any comments?

See them under Files\Mobile Installations.

Chris, NG3F

# 14667. Re: [FT100] 2001 Chevy S10 Installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 02:07:58 UTC
From: Nate Bargmann
Topic: 14666  Message: 14667

```
* ng3f <ng3f@...> [2002 Jun 15 21:04 -0500]:
> See the pics of my FT-100D and ATAS-100 as it is installed
> in my 2001 Chevy S10 Pickup. I installed them today 6/15.
> Any comments?
>
> See them under Files\Mobile Installations.
>
> Chris, NG3F
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

Cool!

Is there a URL, or am I missing something?

73, de Nate >>

--
Wireless | Amateur Radio Station N0NB | "We have awakened a
Internet | n0nb@... | sleeping giant and
Location | Bremen, Kansas USA EM19ov | have instilled in him
Amateur radio exams; ham radio; Linux info @ | a terrible resolve".
http://www.qsl.net/n0nb/ | - Admiral Yamomoto
```

# 14668. Re: Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 06:11:28 UTC
From: cat100bob
Topic: 14559  Message: 14668

Have the same problem here. As a temporary 'fix' I went to Radio Shack and got a gold adaptor. It fits tighter than the standard plug. I had to put a stero plug on the external speaker lead though, and wire the tip and ring together, as the Radio Shack adaptor was a mono to stereo adaptor.

I don't think that the problem is due to an intermittant solder connection between the PC board and the speaker socket, but rather fatigue in the metal contacts in the socket.

I will probably do the fix recommended in another reply - leave the original socket in place and bring a pigtail lead out the hole for the socket. I'll probably wire directly to the internal speaker as I don't care that the internal speaker remains on when I plug in an external speaker.

WA6UFQ

--- In FT100@y..., "Howard Cunningham" <howardc@m...> wrote:
> Are you sure that you are using the correct size plug?
>
> WD5DBC
> hc
>
> Howard Cunningham
> MACRO Systems, LLC
> 3867 Plaza Drive
> Fairfax, VA 22030
>
> (703) 359-9211
> (703) 591-0446 (F)
> www.macrollc.com
>
> howardc@m...
> for service: service@m...
>
>
> >>> gordokate@o... 06/09/02 07:56AM >>>
> Gidday all,
> My FT-100 has an intermittent external speaker socket. The
> slightest touch of the plug brings audio back ok. I am using the
> separation kit when in the car and also another speaker when at
> home. They both exhibit the same problem so it must be the socket.
>
> Any Ideas
>

> Regards
> Gordon VK4VP
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 14669. rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 10:03:28 UTC
From: slashthedevil
Topic: 14658  Message: 14669

hello everyone
i am looking for some help,i have done the rx/tx frequency mod on
my
ft100 and followed all instructions and can not get the mod to
work,can anyone tell me what i am doing wrong.
thanks Shaun

# 14670. Re: ATAS-100 will not tune 40 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 10:15:05 UTC
From: n4ado
Topic: 14664  Message: 14670

Yep, I'd say that was your problem. I just looked at the pictures of your truck. Take the 2 meter antenna off of the roof and put the atas-100 up there in it's place. You'll find that the antenna will work better on ALL bands. Be careful about mounts too! Most commercially made antenna mounts are not strong enough for this antenna. I've had two Diamond mounts break on me while i was driving down the road.

although I seldom work 40 meters, I do work 20 and 10 a lot.
I have been using the ft-100/atas-100 since February, 2000. I have: an FT-100, an FT-100D, and an FT-847. I have used them all with the ATAS-100 and found them to work well if you keep in mind that the Antenna is the most critical part of the system.

let me know if I can be of further help.

73's de N4ADO.

# 14671. RE: [FT100] rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 12:09:11 UTC
From: Gary Mitchelson
Topic: 14658  Message: 14671

What is the sn of the FT-100 and what is your callsign?

-----Original Message-----
From: slashthedevil [mailto:shaunmac@...]
Sent: Sunday, June 16, 2002 10:03
To: FT100@yahoogroups.com
Subject: [FT100] rx/tx frequency mod

hello everyone
i am looking for some help,i have done the rx/tx frequency mod on
my
ft100 and followed all instructions and can not get the mod to
work,can anyone tell me what i am doing wrong.
thanks Shaun

# 14672. Can the FT-100's S-meter be improved?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 13:48:32 UTC
From: Frank van Wensveen
Topic: 14672  Message: 14672

Much as I like my FT-100, I must say that it has about the crappiest
S-meter I've ever seen. The full scale sensitivity can be adjusted
through one of the F-menu options, but even then the indication is
completely worthless. I tried to calibrate it, but when I saw the
S-meter jump from S1 to S7 on a single 6dB input signal increase, I
gave up.
Is there anything that can be done about this?

73,

Frank PA3GMP

# 14673. Re: [FT100] rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 15:05:58 UTC
From: Dick Thompson
Topic: 14658  Message: 14673

Gary, I hope I'm wrong, but I bet that you won't get a reply. Most of the guys on this reflector have calls and they use them. Those that don't generally have something to hide and chances are that they are operating illegally. If the guy wants to transmit on the MARS frequencies he needs a MARS call. He can listen without making any modification to his rig.

Like I said, I hope I'm wrong, but I'd bet that Shaun doesn't have a call, never did and never will. I'll apologize publicly to him if he comes up with a call that can be confirmed.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Gary Mitchelson
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 6:09 AM
Subject: RE: [FT100] rx/tx frequency mod

What is the sn of the FT-100 and what is your callsign?

-----Original Message-----
From: slashthedevil [mailto:shaunmac@...]
Sent: Sunday, June 16, 2002 10:03
To: FT100@yahoogroups.com
Subject: [FT100] rx/tx frequency mod

hello everyone
i am looking for some help,i have done the rx/tx frequency mod on
my
ft100 and followed all instructions and can not get the mod to
work,can anyone tell me what i am doing wrong.
thanks Shaun

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14674. Re: [FT100] rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 15:11:56 UTC
From: Dick Thompson
Topic: 14658  Message: 14674

Shaun, first things first..., do you have a call sign? If so, what is it? I assume that the TX/RX mod is for the MARS frequencies. Do you have a MARS call? If not, why do you need the modification? You don't need the mod to "listen" on any frequency.

I ask these questions because we have had a lot of pirates on this reflector who want to make all kinds of mods to their radios and none of them can come up with a verifiable call, let alone a MARS call.

I hope I'm wrong and that you are legally licensed. Are you?

73,

Dick
WB0DUL@...

----- Original Message -----
From: slashthedevil
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 4:03 AM
Subject: [FT100] rx/tx frequency mod

hello everyone
i am looking for some help,i have done the rx/tx frequency mod on
my
ft100 and followed all instructions and can not get the mod to
work,can anyone tell me what i am doing wrong.
thanks Shaun

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14675. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 15:16:49 UTC
From: David F. Morse
Topic: 14623  Message: 14675

---
Mike; I'm assuming ( hate that word) that u r testing rig near ur house; garage for example. I had a real bad RFI mess a well and I finally figured out that my battery chargers for power tools, etc. were hashing up the world. When I hit the right circuit breaker to off, the noise vanished.

Might be worth looking into.

David in Denver
k0dar
////////////////////

>I have what I would call a severe RFI problem with my FT100D/ATAS-100
>installation, and was wondering if anyone has had the same experience
>and managed to fix it.
>
>I have a proper installation (from everything I can tell). Tuning is
>flawless, with low SWR across the bands. I have a separate V/U
>antenna, and use the ATAS-100 for 40-6. BTW, the installation is in
>a
>2002 Ford Explorer.
>
>For the most part (at least on 40,20, 17 and 15) I have fairly severe
>RFI. It is not the fuel pump. It is either alternator or spark
>plug, I believe, as the pitch is directly proportional to the engine
>speed. The interesting part is that if I touch the whip of the ATAS-
>100 while the rig is in receive, the noise just about disappears.
>This does not happen if I touch a grounded part of the antenna, or
>any part of the rig itself. This leads me to wonder if the noise is
>being picked up through the DC line at all, or if there is some other
>problem. If it is not coming in through the power leads, I doubt it
>would be fixed by putting a filter in the power line, but I could be
>wrong.
>
>One last thing - the problem is independent of the location of either
>the rig or the antenna. I have tried various different mounting
>schemes.
>
>Any ideas out there?
>
>73,
>
>Mike
>W6MDK

- -

# 14676. Serial Number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 15:43:01 UTC
From: ke9v
Topic: 827  Message: 14676

I plan to order an FT-100D tomorrow. I have never owned one before.

Should I ask about the serial number before I order and if so, after what date should I be looking?

Thanks.

Jeff

# 14677. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 16:06:39 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14677

David,

It is undoubtedly radiated from the vehicle itself. It doesn't matter where I am with the car, the RFI is the same. I'm afraid I have to do more tracing and hope I find a source that has a reasonable solution.

Mike

# 14678. Re: [FT100] RF into speakers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-15 22:55:34 UTC
From: Norm, W3IZ
Topic: 14661  Message: 14678

Hi Gil.
First make sure the rig is grounded at the chassis. Then make a choke at the feed of the antenna by coiling the coax in the trunk about 6 or 7 turns 4 inches in diameter. Next use ferrite on the speaker lead as close to the speaker as possible. All grounds should be as short as possible and that shoul ddo it.
73,
Norm, W3IZ
----- Original Message -----
From: xtraham2001
To: FT100@yahoogroups.com
Sent: Saturday, June 15, 2002 2:15 PM
Subject: [FT100] RF into speakers

I have a problem with audio into the speaakers of the vehicle.I have
a 2002 Chevrolet Venture van any one have a FT100 in use in such a
vehicle? Any thoughts vehicle radio is off it sounds like RF int the
speakers. Gil

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14679. Re: Escort ZX-2 Install ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 04:56:54 UTC
From: kc0ejr
Topic: 14546  Message: 14679

Hey Rick,
I own a ZX2 also, and what I did was remove the inner fender panel. Use a putty knife or something thin and rigid to pry behind the plastic screws as you remove them. There is one way up in the top of the strut tower (8mm hex I do believe, not a phillips) that is easy to miss. Then I poked a hole in the boot for the main harness coming through behind the panel and route the wires through the square hole going into the engine compartment. It's a bit of work getting to the wires under the dash. Make sure you push them through from the outside. You may have to use a coat-hanger to poke through the foam seal on the inside. The harness is way up so you almost have to be on your back under the dash. With a little patience it can be done.

And for running to the back, just pry up evenly on the rocker-covers and they will pop off. Most other interior panels just require removing the pins. Use a very small screw-driver to pop the center pin out then remove the retaining pin.

I spent the better part of an evening working on this. About 4 hours if I remember right, but I was also using 8ga amp kits. I got 2, 1 red for pos, and 1 blue for neg.

Hope this helps.
If you need any further help you can email me direct. My address is listed on QRZ.

73 and good luck.
Bill, KC0EJR

--- In FT100@y..., "kb1flr" <kb1flr@h...> wrote:
> Hi All,
>
> Has anyone ever tried to get power from the battery of a Ford Escort
> ZX-2 2002? The battery is on the driver's side and it looks as though
> the existing wiring comes in on the passenger side, but the engine
> compartment is so cramped, I can't see well enough to determine the
> path.
>
> If anyone knows how to do this, I would be grateful for some guidance.
>
> 73 de KB1FLR,Rick

# 14680. Free ALINCO Ham Radio manuals for download - over 150 listed

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 17:33:21 UTC
From: l566cx
Topic: 14680  Message: 14680

Here is a very well-done Ham Radio web page I found that has FREE
Alinco manuals for over 150 of their radios and accessories. They are
all free and all are downloadable too. This guy has got everything!!!

http://www.ab7sl.com/index.html?row1col2=links.html

John Smith - KB9BMB 73!

# 14681. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 19:22:17 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14681

Well, I am now at a loss as to what to do. I have grounded everything with 1/2 inch ground strap. I even tried grounding the hood to the chassis, as was suggested. I still get bad spark plug and/or alternator noise. It is, without question, radiated, as the grounding has not reduced it one iota, and the noise totally dissappears when I touch the whip on the ATAS-100. Obviously not a practical long-range fix for the problem.

Any further suggestions out there?

# 14682. AB7SL.com S P A M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 21:44:11 UTC
From: cardealers
Topic: 14682  Message: 14682

I am sending this to the lists I am on regarding Ham Radio. I guess in a way it is S P A M about S P A M. Anyway, I am sick and tired of the constant "Wow, I just found this terrific site" crap, and especially disgusted that it is coming from spoofed identities. I would bet that the Amateur Radio callsigns/email addresses/identities of the different people sending this crap are not actually the people they would seem to be, but rather innocent people. Anyway. I did a lookup of ab7sl.com and found it to be hosted via www.domaindiscover.com and their phone numbers are: toll-free at (877) 518-4965 ( International customers: call us at +1 (858) 560-9437 ) or email at support@... so everyone who wants to put a stop to this please call and complain. Tell them that ab7sl.com is sending S P A M. Do it tomorrow.

# 14683. Re: [FT100] AB7SL.com S P A M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 22:35:59 UTC
From: Howard Cunningham
Topic: 14682  Message: 14683

Hi PresW

At first I was upset with your email. I looked up the call signs and found that AB7SL lives in Presscot, AZ. Then I looked at the header info of the original email on 6-14 and discovered that it was sent from a dial up acount in Phoenix AZ and KB7BMB has a listed address in INDIANAPOLIS. I then checked the email on 6-16 and found that it was sent from a cable modem (Cable One) account in Phoenix. Then I said to self, Self why would a person that lives in Indianapolis be using internet accounts that are in Phoenix? and self said: huh? dont know.

Of course, what is really sad, is that the site has a lot of useful info and if Charles posted the emails then he should be using his own call sign. Of course, John could be sending these as he had only had his license for 14 days and may be exicted about the site.

73s
WD5DBC

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> presw@112motors.com 06/16/02 05:44PM >>>
I am sending this to the lists I am on regarding Ham Radio. I guess in a way it is S P A M about S P A M. Anyway, I am sick and tired of the constant "Wow, I just found this terrific site" crap, and especially disgusted that it is coming from spoofed identities. I would bet that the Amateur Radio callsigns/email addresses/identities of the different people sending this crap are not actually the people they would seem to be, but rather innocent people. Anyway. I did a lookup of ab7sl.com and found it to be hosted via www.domaindiscover.com and their phone numbers are: toll-free at (877) 518-4965 ( International customers: call us at +1 (858) 560-9437 ) or email at support@... so everyone who wants to put a stop to this please call and complain. Tell them that ab7sl.com is sending S P A M. Do it tomorrow.

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com

List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14684. Re: [FT100] AB7SL.com S P A M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 22:50:05 UTC
From: W6MDK@AOL.COM
Topic: 14682  Message: 14684

Boy, do I agree with you. Its like stock hype. Any time you see "I just found this great site...." you can be pretty sure its the site owner him or herself who "just found" the site.

# 14685. Re:rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 23:18:16 UTC
From: Daniel L. Walz
Topic: 14658  Message: 14685

Shaun I had similar problem after I did mine, found that I was taking to long between steps, once you turn it back on after each step enter the data right away and move right on to the next step till finished with out pausing at all..
Once I did this it worked fine.....KØDLW

Shaun Wrote:
hello everyone i am looking for some help,i have done the rx/tx frequency mod on
my ft100 and followed all instructions and can not get the mod to work,can anyone tell me what i am doing wrong.
thanks Shaun

[Non-text portions of this message have been removed]

# 14686. Re: AB7SL.com S P A M

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 23:37:25 UTC
From: ke9v
Topic: 14682  Message: 14686

Some people work so hard on their Web pages and are simply crushed when "millions" of people don't run to see what is new...its almost like an affliction. So they find all kinds of clever ways to try and drive traffic their way.

This guy is doing the same "Wow, what great Web site!" routine all over Yahoo and Usenet groups.

The pity is, I will never visit that Web site just because of this tactic. It may actually be the best thing since sliced bread and I will never know...

73, Jeff

-- In FT100@y..., "cardealers" <presw@1...> wrote:
> I am sending this to the lists I am on regarding Ham Radio. I guess
> in a way it is S P A M about S P A M. Anyway, I am sick and tired
of
> the constant "Wow, I just found this terrific site" crap, and
> especially disgusted that it is coming from spoofed identities.

# 14687. Re: [FT100] Digest Number 1263

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 23:41:00 UTC
From: Dan K Nelson
Topic: 14687  Message: 14687

Amen!

I'm glad somebody else has noticed this too. This crap is even posted on the ham newsgroups almost every day. I had put the keyword AB7SL in my kill file filter long ago, but it dosn't do much good here. The worst part of this spam is that it doesn't offer anything of value that cannot be obtained directly from the manufacturer' sites. Most of the content is nothing but links to other sites. Maybe this guy is getting some type of advertising kickbacks based on the number of web page hits?

73 de W6DKN

Original Message >----------

Message: 15
Date: Sun, 16 Jun 2002 21:44:11 -0000
From: "cardealers" <presw@...>
Subject: AB7SL.com S P A M

I am sending this to the lists I am on regarding Ham Radio. I guess
in a way it is S P A M about S P A M. Anyway, I am sick and tired of
the constant "Wow, I just found this terrific site" crap, and
especially disgusted that it is coming from spoofed identities. I
would bet that the Amateur Radio callsigns/email addresses/identities
of the different people sending this crap are not actually the people
they would seem to be, but rather innocent people. Anyway. I did a
lookup of ab7sl.com and found it to be hosted via
www.domaindiscover.com and their phone numbers are: toll-free at
(877) 518-4965 ( International customers: call us at +1 (858) 560-
9437 ) or email at support@... so everyone who wants
to put a stop to this please call and complain. Tell them that
ab7sl.com is sending S P A M. Do it tomorrow.

---

# 14688. Re: [FT100] Digest Number 1263

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-16 23:46:01 UTC
From: Dan K Nelson
Topic: 14687  Message: 14688

You're right on track here, Dick. That's why I never respond to any radio mod requests - either here or on the newsgroups - unless I can verifty that the requester is legitimate first.

73 de W6DKN

Original Message >----------
Message: 6
Date: Sun, 16 Jun 2002 09:05:58 -0600
From: "Dick Thompson" <wb0dul@...>
Subject: Re: rx/tx frequency mod

Gary, I hope I'm wrong, but I bet that you won't get a reply. Most of the guys on this reflector have calls and they use them. Those that don't generally have something to hide and chances are that they are operating illegally. If the guy wants to transmit on the MARS frequencies he needs a MARS call. He can listen without making any modification to his rig.

Like I said, I hope I'm wrong, but I'd bet that Shaun doesn't have a call, never did and never will. I'll apologize publicly to him if he comes up with a call that can be confirmed.

73,

Dick
WB0DUL@...

---

# 14689. Re: ATAS-100 will not tune 40 meters

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 01:20:34 UTC
From: ng3f
Topic: 14664  Message: 14689

Fix the no tune on 40 meters problem. I followed the suggestion in the FT-100D manual and added about 6-8 feet of coas. Tunes fine on all bands now.

NOW to start having fun using it mobile.

Chris, NG3F

--- In FT100@y..., "ng3f" <ng3f@a...> wrote:
> Hey, I need some help. I just installed my FT-100D and ATAS-100 on my
> 2001 S10. Everything is working fine except the ATAS-100 wont tune up
> on 40m.
> I added and extra ground to the antenna mount as well as to mounting
> bracket
> of the FT-100. The top of the base of the ATAS-100 is level with the
> bed
> of the truck, but the whip is completely clear even in the fully
> retracted
> position. I do not have a cap on the truck.
>
> Thanks in advance.

# 14690. Re: [FT100] Digest Number 1263

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 03:53:10 UTC
From: Dick Thompson
Topic: 14687  Message: 14690

----- Original Message -----
From: Dan K Nelson
To: FT100@yahoogroups.com

Amen!

I'm glad somebody else has noticed this too. This crap is even posted on the ham ... Maybe this guy is getting some type of advertising kickbacks based on the number of web page hits?
You can almost count on that being the case, Dan.

73,

Dick
WB0DUL@...

[Non-text portions of this message have been removed]

# 14691. Re: [FT100] Digest Number 1263

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 03:57:01 UTC
From: Dick Thompson
Topic: 14687  Message: 14691

I got the following response from hin, Dan...

"hi dick
i do have a uk call.
regards shaun"

Yeah, right, he has a call alright. He's a pirate. His response was to my arrl.net address, not through the reflector.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Dan K Nelson
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 5:46 PM
Subject: Re: [FT100] Digest Number 1263

You're right on track here, Dick. That's why I never respond to any radio mod requests - either here or on the newsgroups - unless I can verifty that the requester is legitimate first.

73 de W6DKN

Original Message >----------------------------
Message: 6
Date: Sun, 16 Jun 2002 09:05:58 -0600
From: "Dick Thompson" <wb0dul@...>
Subject: Re: rx/tx frequency mod

Gary, I hope I'm wrong, but I bet that you won't get a reply. Most of the guys on this reflector have calls and they use them. Those that don't generally have something to hide and chances are that they are operating illegally. If the guy wants to transmit on the MARS frequencies he needs a MARS call. He can listen without making any modification to his rig.

Like I said, I hope I'm wrong, but I'd bet that Shaun doesn't have a call, never did and never will. I'll apologize publicly to him if he comes up with a call that can be confirmed.

73,

Dick
WB0DUL@...

---

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14692. Re: [FT100] Solved 2m RX!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 04:55:45 UTC
From: Neville Mattick
Topic: 14692  Message: 14692

Well having dissected my FT100 I'm a lot wiser!

The problem was traced to Q1005 an obsolete SGM2016AM GAasfet by Sony,
this is marked 'M' only.

Take a few high res' photos of the whole work area first for comparison.

Location is under side rear RH corner of the main unit.

It measured 106 ohms S~D, just a bit short ckt!

How does Yaesu service dept' go board level on these? I suspect the
approach could be to replace the whole board type repair, why? because
of the bonding agent that the sub mounted devices are held with, I
couldn't budge the fet.

Is there a release agent for this type of SMD?

My solution was to remove the legs of the device and scrape it down to
1mm high, clean the board and review it carefully each step along the way.

This device is not 'an off the shelf item' in Australia as far as I can
tell [AFAICT] and Sony has it as 'obsolete' so as it was a weekend and I
wanted to finish this [along with all the other mods due] so I
substituted a 3SK121 [non SMD].

Results are ok, NF wise it's similar [AFAICT].

Why it failed probably was adjacent to high power or direct tx into the
front end somewhere in the rig's recent past [UNKNOWN TO ME] history.

73 de Neville VK2QF, [ex: 4W/VK2QF].
6m DXCC #289.
URL http://winsoft.net.au/~vk2qf
6m Reflector http://groups.yahoo.com/group/Six-metre-DX
---
N.E. & L.A. Mattick.
Hargraves N.S.W. 2850
AUSTRALIA
UKSMG #1809 GL:QF47PF Loc: 149;18;30 EAST - 32;46;48 SOUTH
---

# 14693. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 04:59:24 UTC
From: wb0dul
Topic: 14658  Message: 14693

You replied that you had a UK call, Shaun. What is the call? I think you're not a ham at all, but a pirate with no call. Give us your call on the reflector, and if it's verifiable I'm willing to bet that you will get some help. So quit beating around the bush. The question is simple: What is your call? Why are you so ashamed to give it out? How long were you a CBer before you found out that you could infringe on the ham bands?

Dick
WB0DUL

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
> my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

# 14694. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:20:49 UTC
From: shaunmac
Topic: 14658  Message: 14694

look i have never been a pirate,and my call is m3aqn got that,who do you think you are to call someone you dont know a pirate,and i was not beating around the bush this is all new to me and when i joined was not asked for a call sign so did not put it down.
shaun

----- Original Message -----
From: wb0dul
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 9:59 PM
Subject: [FT100] Re: rx/tx frequency mod

You replied that you had a UK call, Shaun. What is the call? I
think you're not a ham at all, but a pirate with no call. Give us
your call on the reflector, and if it's verifiable I'm willing to bet
that you will get some help. So quit beating around the bush. The
question is simple: What is your call? Why are you so ashamed to
give it out? How long were you a CBer before you found out that you
could infringe on the ham bands?

Dick
WB0DUL

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
> my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14695. rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 08:30:13 UTC
From: slashthedevil
Topic: 14658  Message: 14695

what kind of pepole are on this group,talking about pirates i am not and have never been a pirate and jus for the record my call is m3aqn i will say again (m3aqn) so lets have no more talk of me being a pirate,not a very goog group to be in with pepole like "Dick" and others like him,but there are some good pepole on here to make up for the bad ones.
shaun (m3aqn) (m3aqn)

# 14696. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 12:26:11 UTC
From: vk3qi2001
Topic: 14658  Message: 14696

What about all the doubters making a public apology to Shaun?

As Shaun says, this is an "open" list with NO REQUIREMENT to list
your callsign if you don't want to.

Good luck with your endeavours Shaun!

Cheers

Peter Forbes VK3QI

--- In FT100@y..., "shaunmac" <shaunmac@f...> wrote:
> look i have never been a pirate,and my call is m3aqn got that,who
do you think you are to call someone you dont know a pirate,and i was
not beating around the bush this is all new to me and when i joined
was not asked for a call sign so did not put it down.
> shaun
>
>
> ----- Original Message -----
> From: wb0dul
> To: FT100@y...
> Sent: Sunday, June 16, 2002 9:59 PM
> Subject: [FT100] Re: rx/tx frequency mod
>
>
> You replied that you had a UK call, Shaun. What is the call? I
> think you're not a ham at all, but a pirate with no call. Give
us
> your call on the reflector, and if it's verifiable I'm willing to
bet
> that you will get some help. So quit beating around the bush.
The
> question is simple: What is your call? Why are you so ashamed
to
> give it out? How long were you a CBer before you found out that
you
> could infringe on the ham bands?
>
> Dick
> WB0DUL
>
>
>
> --- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> > hello everyone

> > i am looking for some help,i have done the rx/tx frequency mod
on
> > my
> > ft100 and followed all instructions and can not get the mod to
> > work,can anyone tell me what i am doing wrong.
> > thanks Shaun
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 14697. RE: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 13:19:40 UTC
From: Gary Mitchelson
Topic: 14658  Message: 14697

And it's not a requirement to tell him how to do this also!

I simply asked him what his callsign was before I gave him any info. If he was a ham fine. He replied to me privately with his callsign. I wanted to know if he was a ham before I helped, which I did.

BTW, Shaun is in the UK and has a EU spec FT-100. He tried the mod several times and it did not work. I told him to switch the Destination code to USA and it worked.

We have enough problems with pirates in the US. I do think there are legitimate uses to open up the TX e.g. transverter use besides CAP and MARS (which I am a member)

-----Original Message-----
From: vk3qi2001 [mailto:vk3qi2001@...]
Sent: Monday, June 17, 2002 12:26
To: FT100@yahoogroups.com
Subject: [FT100] Re: rx/tx frequency mod

What about all the doubters making a public apology to Shaun?

As Shaun says, this is an "open" list with NO REQUIREMENT to list your callsign if you don't want to.

Good luck with your endeavours Shaun!

Cheers

Peter Forbes VK3QI

# 14698. RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 13:25:56 UTC
From: Pres Waterman
Topic: 14623  Message: 14698

backhoefade wrote:

> Once you confirm that the noise is all about your property you can
> use a common portable AM broadcast receiver to track down the source.
> If you have an old AM radio that has a somewhat 'directive' ferrite
> rod type internal antenna that will be your RDF unit, more
> appropriately called an NDF unit in this case. Good luck.
> N6AF Charles
>

A point. I've noticed the steadily increasing
"noise pollution" with each generation of
computer monitor. I went from a 15 inch,
to a 17 inch, and recently to a 21 inch. All
have been Trinitron monitors. Each time the
interference increases.

Folks. PLEASE. Read the question you are repsonding to.

The original poster asked, as have thousands in his wake, about spark-plug noise which is RADIATED into the mobile antenna ( no, NOT in the power lead ) and FOLLOWS YOU as you drive.

The poor fella, after hearing it should be isolated from his driveway, sent himself to the top of Mount Wilson to escape the RF ( how's that for irony? ) to check it out. Now we're discussing computer monitors in the neighborhood we drive in.

HEY! IT'S THE LOUSY FORD/GM/TOYOTA/ETC. HIGH-ENERGY SPARK PLUGS!

You can't escape it. You can't filter it. You can't ground better. It is a signal that follows you, destroying reception and masking signals, even if those signals are frequency-modulated. You can do nothing excpet complain, in droves, to the manufacturer. As a dealer/ham I know these things.

Go to your dealer's service department ( don't yell at him/her because that is not the venue ). Demand an audience with the factory field-engineer. Show him/her the noise extends above 30MHz ( your radio works in AM mode above there and my friend's noise extended to 550MHz!!! ), which is the their self-described zone of no-responsibility. Tell them that their vehicles are emitting an unacceptable RADIATION interfering with government-licensed emergency radio service. After a few thousand complaints you MAY get the attention of the factory.

Somebody please tell me why this tactic is being ignored.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14700. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 15:30:55 UTC
From: Dick Thompson
Topic: 14658  Message: 14700

That's fine, Gary. I happen to think he may not be licensed. He responded to me (in private) that he was a ham and had a UK license. He never supplied a call. I wonder why? As I said, once he gives a call and if it is legitimate, I'm man enough to apologize to him ON THE REFLECTOR, for all to see.

If you saw fit to offer an explaination and help him, that's fine. Just don't jump all over me because I am suspicious of his intentions. MARS and CAP do a great job. Unfortunately I do not belong to either organization. But I have held a call since 1962 and I'm not ashamed to use it. Why should he be?

73,

Dick
WB0DUL@...

----- Original Message -----
From: Gary Mitchelson
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 7:19 AM
Subject: RE: [FT100] Re: rx/tx frequency mod

And it's not a requirement to tell him how to do this also!

I simply asked him what his callsign was before I gave him any info. If he was a ham fine. He replied to me privately with his callsign. I wanted to know if he was a ham before I helped, which I did.

BTW, Shaun is in the UK and has a EU spec FT-100. He tried the mod several times and it did not work. I told him to switch the Destination code to USA and it worked.

We have enough problems with pirates in the US. I do think there are legitimate uses to open up the TX e.g. transverter use besides CAP and MARS (which I am a member)

-----Original Message-----
From: vk3qi2001 [mailto:vk3qi2001@...]
Sent: Monday, June 17, 2002 12:26
To: FT100@yahoogroups.com
Subject: [FT100] Re: rx/tx frequency mod

What about all the doubters making a public apology to Shaun?

As Shaun says, this is an "open" list with NO REQUIREMENT to list your callsign if you don't want to.

Good luck with your endeavours Shaun!

Cheers

Peter Forbes VK3QI

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14701. Re: Can the FT-100's S-meter be improved?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 15:48:28 UTC
From: backhoefade
Topic: 14672  Message: 14701

To the best of my knowledge the answer is no. I calibrated mine at work for an S9 reading on 40 Meters using 50 microvolts rms for S9. You can see the resultant S meter inaccuracy in the Excel file I generated from the measured data in the 'Files / Measurements' section. It's pretty bad. The way I "re-calibrate" the S meter mentally is by remembering that above S5 the "S reading" is one S unit higher than actual, and also that S9+20dB is actually S9+15dB, S9+40 is S9+25 and S9+60 is S9+35.

There is only a single adjustment for the S meter which amounts to a DC offset. All you can do is shove the entire curve one way or the other. Most simple RSL indication circuits at least use a DC offset along with a DC gain setting. The latter allows you to set the steepness of the indicated RSL (receive signal level) function. The whole business is about proper interpretation of either a detector output or the AGC voltage. The FT-100D uses the AGC voltage to generate the indicated RSL. But they only included one control (DC offset) to you're really limited in terms of setting the accuracy of it. Look at the function in the file I posted. Ideally you want to have a nice log response so that the RSL function varies directly with the log of the receiver input power. This function just doesn't cut it.

I was a co-author of a patent for a unique means of generating a very accurate RSL function in a receiver. The patent number is 5706215 if you're interested.

My advice is to calibrate it on your favorite band for the standard 50 microvolts rms (single sinusoid) for S9 and perhaps characterize your "indicated RSL versus actual RSL" like I did so at least you know how to translate what the meter is indicating.
73 N6AF Charles

--- In FT100@y..., Frank van Wensveen <frankvw@e...> wrote:
> Much as I like my FT-100, I must say that it has about the crappiest
> S-meter I've ever seen. The full scale sensitivity can be adjusted
> through one of the F-menu options, but even then the indication is
> completely worthless. I tried to calibrate it, but when I saw the
> S-meter jump from S1 to S7 on a single 6dB input signal increase, I
> gave up.
> Is there anything that can be done about this?
>
>
>
> 73,
>

> Frank PA3GMP

--- In FT100@y..., Frank van Wensveen <frankvw@e...> wrote:
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> S-meter jump from S1 to S7 on a single 6dB input signal increase, I
> gave up.
> Is there anything that can be done about this?
>
>
>
> 73,
>
> Frank PA3GMP

# 14702. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:10:37 UTC
From: Dick Thompson
Topic: 14658  Message: 14702

Shaun, as I said, I would apologize. I am sincerely sorry that I accused you of being a pirate, and I hope you will accept my apology.

I think there is one thing you need to keep in mind. Piracy on the ham bands is a rampant thing. There are many people out there who ignore the rules and regulations of this country and their own countries.

When someone comes onto a reflector like this one, looking for help, and signs the request with just a name, many folks get suspicious. Especially if someone is asking for help with a mod that may put the radio out of band. If you had initially said that you lived in the UK, and needed help with the TX/RX mod for frequencies you may have access to that we don't, and had signed your request with Shaun, M3AQN, none of this would have surfaced. Also, some replies are made to messages on the reflector and are not signed at all. So you don't have a clue as to who you are replying to, etc.

Again, I apologize publicly as I said I would, and I hope you will accept it. I think there were others who felt as I did as I received some messages supporting my initial request for your call. Crow tastes terrible. :)

73,

Dick
WB0DUL@...

----- Original Message -----
From: shaunmac
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 10:20 AM
Subject: Re: [FT100] Re: rx/tx frequency mod

look i have never been a pirate,and my call is m3aqn got that,who do you think you are to call someone you dont know a pirate,and i was not beating around the bush this is all new to me and when i joined was not asked for a call sign so did not put it down.
shaun

----- Original Message -----
From: wb0dul
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 9:59 PM
Subject: [FT100] Re: rx/tx frequency mod

You replied that you had a UK call, Shaun. What is the call? I
think you're not a ham at all, but a pirate with no call. Give us
your call on the reflector, and if it's verifiable I'm willing to bet
that you will get some help. So quit beating around the bush. The
question is simple: What is your call? Why are you so ashamed to
give it out? How long were you a CBer before you found out that you

could infringe on the ham bands?

Dick
WB0DUL

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
> my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14703. Re: Serial Number

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:17:57 UTC
From: backhoefade
Topic: 827  Message: 14703

I'll be quite frank with you on this. Based on what I went through with mine I would strongly suggest that you go to the store and physically inspect the unit internally to see if the spurious oscillation (so-called "SWR mod") has been implemented. There are pictures of the mod that Yaesu does at this website. You check for the mod by removing the bottom half of the case. But I'd be surprised if the store lets you do that. (What if you slip and scratch the case or mess up the screw heads?) I heard that the "SWR mod" was implemented starting around May 2001 but there's no guarantee. If it hasn't been done then I recommend that you send it in and get it done. Someone recently reported waiting 92 days to get his rig back which is unacceptable. I think the more typical turn-around time is about 6 weeks. Besides the "SWR mod" there is a second mod that should be done if you plan to operate VHF/UHF. Yaesu can do the mod or you can use the resistor approach that people describe here. Even the latest FT-100Ds need to have the VHF/UHF fan mod done to them. I don't want to discourage you from buying the FT-100D but you should be fully aware that there are two necessary mods required. The third mod is the microphone mod which a lot of people don't bother with but I highly recommend it. It vastly improves the otherwise somewhat muffled sounding stock transmit audio. Good luck.
N6AF Chas

--- In FT100@y..., "ke9v" <ke9v@y...> wrote:
> I plan to order an FT-100D tomorrow. I have never owned one before.
>
> Should I ask about the serial number before I order and if so,
after
> what date should I be looking?
>
> Thanks.
>
> Jeff

# 14704. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:26:41 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14704

Pres,

Thanks. I thought I had missed something when I got those other replies.

I'll talk to the Ford people. I don't suppose it'll do much good, but its all I have left.

# 14705. Re: [FT100] Re: Can the FT-100's S-meter be improved?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:37:10 UTC
From: Frank van Wensveen
Topic: 14672  Message: 14705

On Mon, 17 Jun 2002 15:48:28 -0000, you wrote:

> To the best of my knowledge the answer is no. I calibrated mine at
> work for an S9 reading on 40 Meters using 50 microvolts rms for S9.
I'm thinking about doing the same. That way I'll have at least one
more or less accurate indication. HI

> You can see the resultant S meter inaccuracy in the Excel file I
> generated from the measured data in the 'Files / Measurements'
> section. It's pretty bad.
That's an understatement.

> The way I "re-calibrate" the S meter
> mentally is by remembering that above S5 the "S reading" is one S
> unit higher than actual, and also that S9+20dB is actually S9+15dB,
> S9+40 is S9+25 and S9+60 is S9+35.
That will take a bit of getting used to, but at least it's a system.
:-)

> There is only a single adjustment for the S meter which amounts to a
> DC offset.
So it's not a scalar (i.e. gain)? That's good to know...

> My advice is to calibrate it on your favorite band for the standard
> 50 microvolts rms (single sinusoid) for S9 and perhaps characterize
> your "indicated RSL versus actual RSL" like I did so at least you
> know how to translate what the meter is indicating.
That might not be a bad idea.

TNX!

73,

Frank PA3GMP

# 14706. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 15:13:01 UTC
From: Scott Kamm
Topic: 14658  Message: 14706

I have to agree with you Pete.

vk3qi2001 wrote:

> What about all the doubters making a public apology to Shaun?
>
> As Shaun says, this is an "open" list with NO REQUIREMENT to list
> your callsign if you don't want to.
>
> Good luck with your endeavours Shaun!
>
> Cheers
>
> Peter Forbes VK3QI
>
> --- In FT100@y..., "shaunmac" <shaunmac@f...> wrote:
> > look i have never been a pirate,and my call is m3aqn got that,who
> do you think you are to call someone you dont know a pirate,and i was
> not beating around the bush this is all new to me and when i joined
> was not asked for a call sign so did not put it down.
> > shaun
> >
> >
> > ----- Original Message -----
> > From: wb0dul
> > To: FT100@y...
> > Sent: Sunday, June 16, 2002 9:59 PM
> > Subject: [FT100] Re: rx/tx frequency mod
> >
> >
> > You replied that you had a UK call, Shaun. What is the call? I
> > think you're not a ham at all, but a pirate with no call. Give
> us
> > your call on the reflector, and if it's verifiable I'm willing to
> bet
> > that you will get some help. So quit beating around the bush.
> The
> > question is simple: What is your call? Why are you so ashamed
> to
> > give it out? How long were you a CBer before you found out that
> you
> > could infringe on the ham bands?
> >
> > Dick
> > WB0DUL

> >
> >
> >
> > --- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> > > hello everyone
> > > i am looking for some help,i have done the rx/tx frequency mod
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> > > my
> > > ft100 and followed all instructions and can not get the mod to
> > > work,can anyone tell me what i am doing wrong.
> > > thanks Shaun
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
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>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14707. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:37:23 UTC
From: Paul Manuel
Topic: 14658  Message: 14707

> I think there is one thing you need to keep in mind. Piracy on the ham
> bands is a rampant thing. There are many people out there who ignore
> the rules and regulations of this country and their own countries.

Ya know, when you really think about it, telling a pirate how to enable
out-of-band transmit would DECREASE the chance of ham band piracy.

Wouldn't it?
73,
Paul K4PDM

---------------------------------------------------
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 14708. Re: [FT100] rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:47:54 UTC
From: Jim Lasswell
Topic: 14658  Message: 14708

Hi Shaun.. What ever you do is , don't let a few do-gooders on this on this site get you down. Some folks are just like that and, want other people to think they are SOMETHING special.If you want to mod your rig for rx/tx , go for it. I am 67 years old and seen many hams like that and I have to chuckle when I read some of there comments. Any hoo.... 73 de Jim AD6DW

----- Original Message -----
From: slashthedevil
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 1:30 AM
Subject: [FT100] rx/tx frequency mod

what kind of pepole are on this group,talking about pirates i am not
and have never been a pirate and jus for the record my call is m3aqn
i will say again (m3aqn) so lets have no more talk of me being a
pirate,not a very goog group to be in with pepole like "Dick" and
others like him,but there are some good pepole on here to make up for
the bad ones.
shaun (m3aqn) (m3aqn)

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14709. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 17:08:30 UTC
From: Jim Lasswell
Topic: 14658  Message: 14709

First of all dicky boy... It's none of your business what Shaun is doing with his rig. Just go ahead and study for your EXTRA ticket and maybe you can be an EXTRA LITE, EXTRA LITE, EXTRA LITE. Its do-gooders like you DICKY BOY that seem to get your rocks off by being a smart ass on a reflector such as this one. Keep your chin up Dicky boy, but try not to let you mouth flop so much. 73's DICKY BOY, de Jim AD6DW

----- Original Message -----
From: shaunmac
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 9:20 AM
Subject: Re: [FT100] Re: rx/tx frequency mod

look i have never been a pirate,and my call is m3aqn got that,who do you think you are to call someone you dont know a pirate,and i was not beating around the bush this is all new to me and when i joined was not asked for a call sign so did not put it down.
shaun

----- Original Message -----
From: wb0dul
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 9:59 PM
Subject: [FT100] Re: rx/tx frequency mod

You replied that you had a UK call, Shaun. What is the call? I
think you're not a ham at all, but a pirate with no call. Give us
your call on the reflector, and if it's verifiable I'm willing to bet
that you will get some help. So quit beating around the bush. The
question is simple: What is your call? Why are you so ashamed to
give it out? How long were you a CBer before you found out that you
could infringe on the ham bands?

Dick
WB0DUL

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
> my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

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Subscribe: FT100-subscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14710. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 17:31:16 UTC
From: Jim Lasswell
Topic: 14658  Message: 14710

Scott... I think ole Dicky Boy just let his alligator mouth over load his humming bird back side. All that Shaun did was ask for some help, and Mr. Perry Mason jumped his case. To quote a fella in LA a few years back" can't we all just get along". 73's de Jim AD6DW

----- Original Message -----
From: Scott Kamm
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 8:13 AM
Subject: Re: [FT100] Re: rx/tx frequency mod

I have to agree with you Pete.

vk3qi2001 wrote:

> What about all the doubters making a public apology to Shaun?
>
> As Shaun says, this is an "open" list with NO REQUIREMENT to list
> your callsign if you don't want to.
>
> Good luck with your endeavours Shaun!
>
> Cheers
>
> Peter Forbes VK3QI
>
> --- In FT100@y..., "shaunmac" <shaunmac@f...> wrote:
> > look i have never been a pirate,and my call is m3aqn got that,who
> do you think you are to call someone you dont know a pirate,and i was
> not beating around the bush this is all new to me and when i joined
> was not asked for a call sign so did not put it down.
> > shaun
> >
> >
> > ----- Original Message -----
> > From: wb0dul
> > To: FT100@y...
> > Sent: Sunday, June 16, 2002 9:59 PM
> > Subject: [FT100] Re: rx/tx frequency mod
> >
> >
> > You replied that you had a UK call, Shaun. What is the call? I
> > think you're not a ham at all, but a pirate with no call. Give
> us
> > your call on the reflector, and if it's verifiable I'm willing to
> bet
> > that you will get some help. So quit beating around the bush.

> The
> > question is simple: What is your call? Why are you so ashamed
> to
> > give it out? How long were you a CBer before you found out that
> you
> > could infringe on the ham bands?
> >
> > Dick
> > WB0DUL
> >
> >
> >
> > --- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> > > hello everyone
> > > i am looking for some help,i have done the rx/tx frequency mod
> on
> > > my
> > > ft100 and followed all instructions and can not get the mod to
> > > work,can anyone tell me what i am doing wrong.
> > > thanks Shaun
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14711. Re: Can the FT-100's S-meter be improved?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 18:21:17 UTC
From: backhoefade
Topic: 14672  Message: 14711

I went back through my files and confirmed that when I previously set the S-meter "calibration" control in the sub menu to indicate S9 for a -76 dBm input level instead of -73 dBm (50 uV rms) the entire RSL indication function shifted by 3 dB. So indeed the control is just an offset rather than a gain change. A gain change would have changed to slope of the indicated RSL versus actual input RSL function. Looking at the file you can see that even if you had both the offset and the gain as adjustments you still wouldn't be able to line the indicated level up with actual. The function simply isn't logrithmic, so we're out of luck. I wonder how the Icom 706 compares in this regard. I have to say that it's disappointing to have a (what used to be anyway) $1000 rig with such a lousy S meter.
My TS-520 runs circles around the FT-100D. Nothing like a nice accurate S meter such as on the older tube and hybrid rigs (eg. Collins S line, older Kenwoods, etc.). You also suffer a loss of resolution of course when you go to the segmented, bar-graph style read-out.
N6AF Chas

--- In FT100@y..., Frank van Wensveen <frankvw@e...> wrote:
> On Mon, 17 Jun 2002 15:48:28 -0000, you wrote:
>
> > To the best of my knowledge the answer is no. I calibrated mine at
> > work for an S9 reading on 40 Meters using 50 microvolts rms for S9.
> I'm thinking about doing the same. That way I'll have at least one
> more or less accurate indication. HI
>
> > You can see the resultant S meter inaccuracy in the Excel file I
> > generated from the measured data in the 'Files / Measurements'
> > section. It's pretty bad.
> That's an understatement.
>
> > The way I "re-calibrate" the S meter
> > mentally is by remembering that above S5 the "S reading" is one S
> > unit higher than actual, and also that S9+20dB is actually S9+15dB,
> > S9+40 is S9+25 and S9+60 is S9+35.
> That will take a bit of getting used to, but at least it's a system.
> :-)
>
>
> > There is only a single adjustment for the S meter which amounts to a

> > DC offset.
> So it's not a scalar (i.e. gain)? That's good to know...
>
> > My advice is to calibrate it on your favorite band for the
standard
> > 50 microvolts rms (single sinusoid) for S9 and perhaps
characterize
> > your "indicated RSL versus actual RSL" like I did so at least you
> > know how to translate what the meter is indicating.
> That might not be a bad idea.
>
> TNX!
>
>
>
> 73,
>
> Frank PA3GMP

# 14712. RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 18:30:55 UTC
From: Pres Waterman
Topic: 14623  Message: 14712

Thanks. I thought I had missed something when I got those other replies.

I'll talk to the Ford people. I don't suppose it'll do much good, but its all I have left.

No, you didn't miss anything. It's the effect I call, "If you can't answer a question, answer another question"... not to mention how threads wander.

And I apologize for being cranky. It's just that I am a ham, I am a dealer, I probably have a unique perspective on this ( until such time as a factory engineer comes on the list ) and I have been beating this particular drum for years and I am tired of it being a solo act.

It will take exactly one thing to make this work... a LOT of complaints. Not one, not even from a dealer. A groundswell of complaints to the factory. Otherwise they will continue to make vehicles that pollute electronically. It's a shame the FCC is not intereste, although I doubt they have jurisdiction. Although they have somehow declared themselves in charge of orbital debris, merely because the launch activities of devices they DO regulate, contributes to the trash out there. Maybe there is hope.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14713. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 18:31:08 UTC
From: robashman6178
Topic: 14658  Message: 14713

Shaun
Being a fellow M3 (M3RJA just in case you want to get nosey Dick)I can understand exactly what you are saying....so many "technical" terms and not knowing where to start is a daunting process, the only shame about ham radio is the "old boy" syndrome where unless you have had a licence since the year dot you aren't good enough to talk to on the air, I know this from a conversation i over heard on the radio between 2 "old school" ham's who admitted that it isnt worth talking to an M3 on the air as... and I quote "what would they know". This i feel is a great shame as when they have gone silent what or who will be using the air waves?... dont take a diploma to work it out, without people like yourself who WANT to learn and use the air waves ham radio will be dead in the water. So take it all in your stride and just dont lower your self to their level keep using your radio and most of all ENJOY it. oh and Dick if you feel you can raise yourself to this level put your head back in line and if somebody asks for help perhaps there is a reason and perhaps its a request that an amateur with more years of using the equipment could help with.

73's de Rob M3RJA
--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Scott... I think ole Dicky Boy just let his alligator mouth over load his humming bird back side. All that Shaun did was ask for some help, and Mr. Perry Mason jumped his case. To quote a fella in LA a few years back" can't we all just get along". 73's de Jim AD6DW
>
> ----- Original Message -----
> From: Scott Kamm
> To: FT100@y...
> Sent: Monday, June 17, 2002 8:13 AM
> Subject: Re: [FT100] Re: rx/tx frequency mod
>
>
> I have to agree with you Pete.
>
> vk3qi2001 wrote:
>
> > What about all the doubters making a public apology to Shaun?
> >
> > As Shaun says, this is an "open" list with NO REQUIREMENT to
list
> > your callsign if you don't want to.
> >
> > Good luck with your endeavours Shaun!

> >
> > Cheers
> >
> > Peter Forbes VK3QI
> >
> > --- In FT100@y..., "shaunmac" <shaunmac@f...> wrote:
> > > look i have never been a pirate,and my call is m3aqn got
that,who
> > do you think you are to call someone you dont know a pirate,and
i was
> > not beating around the bush this is all new to me and when i
joined
> > was not asked for a call sign so did not put it down.
> > > shaun
> > >
> > >
> > > ----- Original Message -----
> > > From: wb0dul
> > > To: FT100@y...
> > > Sent: Sunday, June 16, 2002 9:59 PM
> > > Subject: [FT100] Re: rx/tx frequency mod
> > >
> > >
> > > You replied that you had a UK call, Shaun. What is the
call? I
> > > think you're not a ham at all, but a pirate with no call.
Give
> > us
> > > your call on the reflector, and if it's verifiable I'm
willing to
> > bet
> > > that you will get some help. So quit beating around the
bush.
> > The
> > > question is simple: What is your call? Why are you so
ashamed
> > to
> > > give it out? How long were you a CBer before you found out
that
> > you
> > > could infringe on the ham bands?
> > >
> > > Dick
> > > WB0DUL
> > >
> > >
> > >
> > > --- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> > > > hello everyone
> > > > i am looking for some help,i have done the rx/tx

frequency mod
> > on
> > > > my
> > > > ft100 and followed all instructions and can not get the
mod to
> > > > work,can anyone tell me what i am doing wrong.
> > > > thanks Shaun
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service.
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
> >
> > Post message: FT100@y...
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Service.
>
>

>
> [Non-text portions of this message have been removed]

# 14714. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 19:17:12 UTC
From: Jim Lasswell
Topic: 14658  Message: 14714

Dickey boy. I don't think Shaun gives a rats a** what you think about whether he is a pirate or a Ham. You need to set back and take a good look at yourself and think about how you are acting on this matter. Go take the Extra exam and stop your bitching so yu can be an EXTRA LITE.

----- Original Message -----
From: wb0dul
To: FT100@yahoogroups.com
Sent: Sunday, June 16, 2002 9:59 PM
Subject: [FT100] Re: rx/tx frequency mod

You replied that you had a UK call, Shaun. What is the call? I
think you're not a ham at all, but a pirate with no call. Give us
your call on the reflector, and if it's verifiable I'm willing to bet
that you will get some help. So quit beating around the bush. The
question is simple: What is your call? Why are you so ashamed to
give it out? How long were you a CBer before you found out that you
could infringe on the ham bands?

Dick
WB0DUL

--- In FT100@y..., "slashthedevil" <shaunmac@f...> wrote:
> hello everyone
> i am looking for some help,i have done the rx/tx frequency mod on
> my
> ft100 and followed all instructions and can not get the mod to
> work,can anyone tell me what i am doing wrong.
> thanks Shaun

Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14715. Off topic, but it started here....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 19:27:50 UTC
From: Raja Chatterjee
Topic: 14715  Message: 14715

Hey gents-
What's the hubbub about M3...?
Is it some sort of new call ?
I just figured that M3's are English-types...
So much for being an Extra, I guess I just don't know enough.
No doubt about my location though...8-)
--
73's de KB6MTH
ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
Lati: 36° 06' 55" N
Long: 80° 21' 18" W
Grid: EM96TC
County: Forsyth

--
http://www.qsl.net/kb6mth
http://www.qrz.com/~kb6mth
http://www.geocities.com/dudarro

# 14716. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 21:21:18 UTC
From: kg4qqx
Topic: 14658  Message: 14716

Do I have to get an English Callsign to be a pirate? I have my own eye patch and think a peg leg would be nice too... Harr matey..

Seriously though shouldn't we be encouraging everyone we can get to join the hobby, regardless of their occupation or whether or not they work aboard a maritime vessel? I mean pirate, bar wench, shopkeeper even wanna-be radio policeman should be welcome. And it seems to me that helping someone out shouldn't come with a price or a declaration of intent. Perhaps age has precipitated the loss of one of the key concepts of Amateur radio as listed in the amateur code:

FRIENDLY- Slow and patient operating when requested; Friendly advice and council to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit!

I must have missed the part that added condescending, pompous, arrogant etc....

Yo Ho Ho

# 14717. I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 21:32:39 UTC
From: vmi_1979
Topic: 14717  Message: 14717

I am about ready to "trash" my old style (pins instead of screws) ATAS-100 for something more reliable. The purpose of this posting is to get some feedback from those of you with FT-100's that have gone with a different style/brand screwdriver antenna.

The Hi-Q Steath antennas seem to be a great antennas but are rather pricy. Any other recommendations?

Has anyone purchased the new ASAC Automatic Screwdriver Antenna Tuner (specifically for the FT-100) from AmCom Inc.? How does it work?

I am also toying with the idea of biting the bullet and installing an amp at the same time. Any recommendations on good mobile amps?

The best radio will only be useful as a boat anchor if connected to a lousy antenna. Since I don't fish, hopefully feedback from this posting will keep my FT-100 on the air and not in the water.

Thanks,
Craig - K5VMI

# 14718. RE: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 21:42:00 UTC
From: Gary Mitchelson
Topic: 14717  Message: 14718

You'll love the Hi-Q, I know it's a bit pricey but it's a very, very well made antenna. I can cover 3.2-54Mhz without reconfiguring a thing.

-----Original Message-----
From: vmi_1979 [mailto:vmi_1979@...]
Sent: Monday, June 17, 2002 21:33
To: FT100@yahoogroups.com
Subject: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

I am about ready to "trash" my old style (pins instead of screws) ATAS-100 for something more reliable. The purpose of this posting is to get some feedback from those of you with FT-100's that have gone with a different style/brand screwdriver antenna.

The Hi-Q Steath antennas seem to be a great antennas but are rather pricy. Any other recommendations?

Thanks,
Craig - K5VMI

# 14719. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 21:42:00 UTC
From: W6MDK@AOL.COM
Topic: 14623  Message: 14719

Pres,

I don't think you were cranky at all. There is really little more irritating than a non-answer or an evasive answer to a question. You were spot-on in your comments.

Do you suppose that better plug wires would have any effect on the problem?

# 14720. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 22:07:12 UTC
From: vk3qi2001
Topic: 14658  Message: 14720

Now that people have had a chance to make comment on the ham call issue let's leave this aside and ask the following question.

Why does the mod seem to be "destination code" dependant?

In a reply by ., Gary Mitchelson <n3jpu@c...> > he stated "several times and it did not work. I told him to switch the Destination code to USA and it worked."

We now know that it works for destination code US, and I know it works for AUS, but what about all the other codes in F57 and F58 such as JPN, FRAN, BEL, GER, and EU1,EU2,EU3and EU4????

NOWHERE ON THE USUAL MODIFICATION SITES SUCH AS:

mods.dk, k0lee/.....ftfreeband.htm and k0lee/.....ftmods.jpg

IS THERE ANY MENTION OF THERE BEING A DESTINATION CODE DEPENDANCE, ONLY THAT SOMETIMES, TO GET THE LAST DIGIT ON THE DISPLAY CORRECT, A MODE CHANGE MAY BE REQUIRED.

Perhaps there needs to be a check by someone willing to give up their current settings to see if this is indeed the case, that the modification does require a special range of destination codes. If this is the case, then a note be added to the modification pages.

Cheers

Peter Forbes VK3QI

# 14721. Re: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 22:10:47 UTC
From: Jim Dennis (wb8nbi)
Topic: 14717  Message: 14721

I am using the Hustler antennas on my Vatara I use the Comet Rs-730 mount on tne back door of my SUV with the Hustler 22in mast. This puts the coils just above the top.
Match is good 1.2 to 1 at the freq. I use on 75 and 40 meters I also use a Valor 160 meter coil on the same mast with the same SWR. I still have to get my coils for 10 and 15. Yes you have to stop and change but that beats having all the tuning problems.
DE Jimmy (WB8NBI)
----- Original Message -----
From: vmi_1979
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 5:32 PM
Subject: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

I am about ready to "trash" my old style (pins instead of screws)
ATAS-100 for something more reliable. The purpose of this posting is
to get some feedback from those of you with FT-100's that have gone
with a different style/brand screwdriver antenna.

The Hi-Q Steath antennas seem to be a great antennas but are rather
pricy. Any other recommendations?

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(specifically for the FT-100) from AmCom Inc.? How does it work?

I am also toying with the idea of biting the bullet and installing an
amp at the same time. Any recommendations on good mobile amps?

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lousy antenna. Since I don't fish, hopefully feedback from this
posting will keep my FT-100 on the air and not in the water.

Thanks,
Craig - K5VMI

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14722. Re: [FT100] Off topic, but it started here....

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 23:45:47 UTC
From: Alan Gault
Topic: 14715  Message: 14722

Hi

The M3 callsign range is given to those of us who have what is known as a Foundation Licence. This may have been attained through a Foundation Course or, as in my case, from having had a Class 'B' licence for VHF/UHF and completeing a Morse Assessment. We are limited to 10 Watts on all bands, but excluded from the 10m band. As I hold a Class 'B' licence as well I can operate full legal power except on the HF bands. I hope this answers your query and that we will have many contacts in the future with all types of licence holder.

Alan
MI 3 KWB

[Non-text portions of this message have been removed]

# 14723. FT-100D on eBay

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 00:01:38 UTC
From: imb12335124
Topic: 14723  Message: 14723

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1359405003

# 14724. eBay item 1359405003 (Ends Jun-17-02 205516 PDT ) - YAESU FT-100D LIKE NEW - MI

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 00:04:15 UTC
From: Ira Betts
Topic: 14724  Message: 14724

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1359405003

[Non-text portions of this message have been removed]

# 14725. Re: [FT100] Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 16:56:01 UTC
From: Scott Kamm
Topic: 14658  Message: 14725

Not really ,there are books and then of course the internet with all of this info floating around.It's not going to stop unless the radio mfgs stop making them expandable.But then if they did they wouldn't servive either.Think about it the ham community does'nt buy all of the radios.Then what about the flea markets out there?Ask yourself; Do I really ask for a call when somebody wants to buy my radio?,or is it cash and carry and now I've gotten rid of that head ache,plus some more money in the pocket to go and buy that new radio.

Paul Manuel wrote:

> > I think there is one thing you need to keep in mind. Piracy on the ham
> > bands is a rampant thing. There are many people out there who ignore
> > the rules and regulations of this country and their own countries.
>
> Ya know, when you really think about it, telling a pirate how to enable
> out-of-band transmit would DECREASE the chance of ham band piracy.
>
> Wouldn't it?
> 73,
> Paul K4PDM
>
> ---------------------------------------------------
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> http://fifaworldcup.yahoo.com
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
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# 14726. RE: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-17 21:42:19 UTC
From: Richard W. Solomon
Topic: 14717  Message: 14726

Here I go again ....
Take a look at the Hustler Mobile antenna. I have 4 bands
(20/17/15/12) on the mast (which also works on 6mtrs),
instant bandswitching, no tuning. Unless, of course, you just
have to have a DC to Daylight antenna.

73, Dick, W1KSZ
(247 worked Mobile)

-----Original Message-----
From: vmi_1979 [mailto:vmi_1979@...]
Sent: Monday, June 17, 2002 5:33 PM
To: FT100@yahoogroups.com
Subject: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something
Different

I am about ready to "trash" my old style (pins instead of screws)
ATAS-100 for something more reliable. The purpose of this posting is
to get some feedback from those of you with FT-100's that have gone
with a different style/brand screwdriver antenna.

The Hi-Q Steath antennas seem to be a great antennas but are rather
pricy. Any other recommendations?

Has anyone purchased the new ASAC Automatic Screwdriver Antenna Tuner
(specifically for the FT-100) from AmCom Inc.? How does it work?

I am also toying with the idea of biting the bullet and installing an
amp at the same time. Any recommendations on good mobile amps?

The best radio will only be useful as a boat anchor if connected to a
lousy antenna. Since I don't fish, hopefully feedback from this
posting will keep my FT-100 on the air and not in the water.

Thanks,
Craig - K5VMI

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14727. RE: [FT100] RF into speakers

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 10:43:15 UTC
From: Robert J. Curci
Topic: 14661  Message: 14727

Hey Gil,

I had the same problem in my 2001 Chevy S10. This happened on 40, 20, 17, 15, 10 and 6m. I have mine setup on a homebrew hump mount with a Motorola speaker mounted in the front.

I changed the speaker wire to RG58 and put a ferrite core in speaker housing. This took care of it completely.

73 de Bob
n2xr
-----Original Message-----
From: Norm, W3IZ [mailto:w3iz@...]
Sent: Saturday, June 15, 2002 6:56 PM
To: FT100@yahoogroups.com
Subject: Re: [FT100] RF into speakers

Hi Gil.
First make sure the rig is grounded at the chassis. Then make a choke at the feed of the antenna by coiling the coax in the trunk about 6 or 7 turns 4 inches in diameter. Next use ferrite on the speaker lead as close to the speaker as possible. All grounds should be as short as possible and that shoul ddo it.
73,
Norm, W3IZ
----- Original Message -----
From: xtraham2001
To: FT100@yahoogroups.com
Sent: Saturday, June 15, 2002 2:15 PM
Subject: [FT100] RF into speakers

I have a problem with audio into the speaakers of the vehicle.I have a 2002 Chevrolet Venture van any one have a FT100 in use in such a vehicle? Any thoughts vehicle radio is off it sounds like RF int the speakers. Gil

Post message: FT100@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14728. Re: I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 13:19:41 UTC
From: ki5mp
Topic: 14717  Message: 14728

Hi Craig, you're probably going to get about as many differing opinions on what is the best mobile antenna as you will replies, so I'll throw mine in, too. I'll put my trust old full-size Texas Bugcatcher up against any antenna out there. It's like the Eveready battery commercial - it just keeps going...and going...and going. I consistently get comments like "Are you sure you're a mobile...?" Of course, the 300+ watt amplifier behind the FT100D helps...

There are a lot of good antennas out there - you just have to weigh the convenience factor. People don't usually like the Bugcatcher because you have to change the coil taps if you move around the bands a lot. I don't do a lot of QSYing, so it's not a problem for me. And I don't think you'll get a better transmitted signal out of a mobile antenna than you will out of the Bugcatcher (and it hears well, too). Proponents of the screwdriver type of antenna talk about the fallacy of the "tap" system used by antennas like the Bugcatcher and how inefficient it is - but all I can say is the thing works and consistent results are hard to ignore...

Good luck,

Mike KI5MP

--- In FT100@y..., "vmi_1979" <vmi_1979@y...> wrote:
> I am about ready to "trash" my old style (pins instead of screws)
> ATAS-100 for something more reliable. The purpose of this posting
is
> to get some feedback from those of you with FT-100's that have gone
> with a different style/brand screwdriver antenna.
>
> The Hi-Q Steath antennas seem to be a great antennas but are rather
> pricy. Any other recommendations?
>
> Has anyone purchased the new ASAC Automatic Screwdriver Antenna
Tuner
> (specifically for the FT-100) from AmCom Inc.? How does it work?
>
> I am also toying with the idea of biting the bullet and installing
an
> amp at the same time. Any recommendations on good mobile amps?
>
> The best radio will only be useful as a boat anchor if connected to
a
> lousy antenna. Since I don't fish, hopefully feedback from this
> posting will keep my FT-100 on the air and not in the water.
>

> Thanks,
> Craig - K5VMI

# 14729. 2000 Tahoe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 17:22:53 UTC
From: w8tek
Topic: 14729  Message: 14729

I have a 2000 Tahoe and I was wondering how people have mounted the ATAS. I don't want to do a roof mount simply because of the overall height of the combo. I was hoping someone had an idea of a bumper mount of sorts. I am sure there is SOMEONE out there with an ATAS, Tahoe and digital camera. Can anyone send me pics or ideas on how they did it? Thx.

Tom, W8TEK
w8tek@...

# 14730. RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 18:12:07 UTC
From: Pres Waterman
Topic: 14623  Message: 14730

Do you suppose that better plug wires would have any effect on the problem?

If so I would LOVE to know about it. As a dealer, I am apt to change cars often enough that it's a pain to reinstall the radio, let alone change wires, which are probably different in various cars anyway! So I am recitent to try aftermarket wires.

I did come across a manufacturer of racing wires that claims to reduce RFI. Unfortunately I lost the link. Maybe a search for "racing ignition wires" or the like would be fruitful. They did skirt around the issue of price. They may be quite expensive.

However, the problem may not be only in the wires. Several years ago Ford went from "distributorless ignition module" ( a potted module with wires going to the plugs, electrically fired ) to a coil-on-plug design with 4, 6 or 8 ( or 10! ) little "California Kilowatt" "transmitters" ( the individual coils on the plugs ). Now I notice on my 2002 Mustang we are back to centralized coil. Anyway, the pop-pop-pop is still there, very loud and although the FT-100 NB is terrific it does not help on 10m FM.

Not to mention that the broadcast radio puts out wandering hash all over the HF spectrum! That's a new one on me.

I am seriously thinking of taking an old trade in like a 1991 LTD and making it a radio modile and forgetting about the radio in the flashy ride.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14731. Re: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 19:11:50 UTC
From: frankweiss@aol.com
Topic: 14623  Message: 14731

I remember years ago (mid 60s), when a home mechanic could still tune up a car w/o 6 trillion $ of equipment, spark plug wires were made of compressed carbon granules, not copper wire. I seem to remember that it was recommended that the spark plug wires be replaced every certain interval, which escapes me now, because the constant flexing of the wires over the miles would cause increasingly larger gaps between the granules. This caused two problems. First, the current had to jump from granule to granule generating microscopic sparks. Of course, every little spark decreased the intensity of the spark desired at the spark plugs. Second, and of relevance here, the microscopic sparks generated a LOT of RF noise. Does this add anything to the discussion?

Frank K6FCW

# 14732. Re: RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 20:52:05 UTC
From: w1pa
Topic: 14623  Message: 14732

> I did come across a manufacturer of racing wires that claims to
reduce RFI.
> Unfortunately I lost the link. Maybe a search for "racing ignition
wires" or
> the like would be fruitful. They did skirt around the issue of
price. They
> may be quite expensive.
>

Magnacore.

I have a set in my Subaru (they were $100). Better engine
performance, but not a lot of noticable improvement in noise.

Bill
W1PA

# 14733. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 22:43:56 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14733

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /Mobile Installations/99 tahoe mount.zip
Uploaded by : w9wy <guido@...>
Description : FT100D and ATAS in a 1999 Tahoe

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/Mobile%20Installations/99%20tahoe%20mount.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

w9wy <guido@...>

# 14734. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 22:56:57 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14734

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /Mobile Installations/2001 S10 by N2XR/FT100far.JPG
Uploaded by : curcir <n2xr@...>
Description : A look from the driver's door

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/Mobile%20Installations/2001%20S10%20by%20N2XR/FT100far.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

curcir <n2xr@...>

# 14735. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 22:57:31 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14735

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /Mobile Installations/2001 S10 by N2XR/FT100near.JPG
Uploaded by : curcir <n2xr@...>
Description : A closer look

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/Mobile%20Installations/2001%20S10%20by%20N2XR/FT100near.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

curcir <n2xr@...>

# 14736. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 22:59:46 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 14736

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /Mobile Installations/2001 S10 by N2XR/Info.txt
Uploaded by : curcir <n2xr@...>
Description : 2001 Chevy S10 Installation by N2XR

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/Mobile%20Installations/2001%20S10%20by%20N2XR/Info.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

curcir <n2xr@...>

# 14737. Re: RFI Problem (some pointers)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 23:32:28 UTC
From: ft100guy
Topic: 14623  Message: 14737

These days there is alot of noise and it cant normally be attributed to just one thing. Firstly there is no racing wire that I know of that can claim to reduce RFI. Why? Its pretty simple.. Racing wires are designed to carry as much voltage and current to the plugs as possible and to do this well suppression is out of the question. Its a trade off for sure. Now you can buy good wires that will carry the maximum allowable amount of the above and still maintain good supression but they will not be as good as true racing wires.
Getting to your comment on the Ford independant coil layout, one would think that this would reduce RFI. Yes and no.. Now you have eliminated the wires (example the 5.4 Triton in the Expedition an 8 coil layout). This design is great for fuel economy and RFI supression but the problem is that the main goal of Ford engineers was not to reduce these RFI emissions in the first place but to make the vehicle more friendly to the environment. The noise that was once generated by the secondary portion of the ignition is now replaces by noisy primary 12v lines to each coil along with a noisy control unit. This may not necessarily occur on an Expedition but the introduction of computers into our cars most certainly complicates matters on some makes.
Anyway, diagnosing noise introduced into your HF rig requires some serious poking around as the noise may not be what you think. Its easy to be fooled into thinking that the ignition wires are the source but there may be more to it. To use the above example of noisy ignition wires, it could be many other things. Many cars are now using crank triggers, distributorless ignitions, fuel injection and various computers all which pulse at the same time that an engine must fire, so now you have several culprits instead of one. And RFI supression is not the paramount concern of any engineer that I know of.

Yes they make a valiant attempt to keep things to a minimum but as we know, some cars can drive you crazy when used as a mobile HF position. Its best to start with the car off and the radio on, turn on different things with the vehicle off and see if they generate noise, remeber to change modes and bands on the radio as you do each step. Then put the ignition in the on position but do not start the vehicle and retest all electronic devices and see if they generate noise making notes as you go along. Shut the rig (to protect it) and start the car and again retest all electronic devices with the vehicle running. Remember that electric fans come on and off when the car is warm or if the a/c or defroster is engaged so be sure to run the vehicle long enough to allow these devices to "avail themselves."

Many things make noise such as added load on the alternator, defroster, a/c compressor, computers, ignition systems, blower fans, radiator and a/c condensor fans, relays, fuel pumps.. Each car is different and may present RFI to the radio in different ways. Make sure the radio is well grounded and the antenna is located as far away from the offending items as possible. Remembet to run your rig directly from the battery. Determine how the interference is getting into the rig.. By the antenna or the dc line, maybe its radiated into the radio itself..

In a nutshell, try to determine whats actually going on, buying stuff and guessing is simply a waste of money. Many times the noise can be cured quite easily, other times its easier to replace the car :-) Regards..Richy N2ZD

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
> Do you suppose that better plug wires would have any effect on the problem?
> If so I would LOVE to know about it. As a dealer, I am apt to change cars
> often enough that it's a pain to reinstall the radio, let alone change
> wires, which are probably different in various cars anyway! So I am recitent
> to try aftermarket wires.
>
> I did come across a manufacturer of racing wires that claims to reduce RFI.
> Unfortunately I lost the link. Maybe a search for "racing ignition wires" or
> the like would be fruitful. They did skirt around the issue of price. They
> may be quite expensive.
>
> However, the problem may not be only in the wires. Several years ago Ford
> went from "distributorless ignition module" ( a potted module with wires
> going to the plugs, electrically fired ) to a coil-on-plug design with 4, 6
> or 8 ( or 10! ) little "California Kilowatt" "transmitters" ( the individual
> coils on the plugs ). Now I notice on my 2002 Mustang we are back to
> centralized coil. Anyway, the pop-pop-pop is still there, very loud and
> although the FT-100 NB is terrific it does not help on 10m FM.
>
> Not to mention that the broadcast radio puts out wandering hash all over the
> HF spectrum! That's a new one on me.
>

> I am seriously thinking of taking an old trade in like a 1991 LTD
and making
> it a radio modile and forgetting about the radio in the flashy ride.
>
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14738. Nets

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 23:08:38 UTC
From: Mark Harper
Topic: 14738  Message: 14738

Hi All

Some months back (Before I got my MW3:)) I remember there was an FT-100 Net?

is it still going, and if so - what times/freqs

73

Mark

(2W1/MW1/MW3MDH [2W1 until Oct!] for those that want to check!)
---
Wrexham ARS (GW4WXM) - www.qsl.net/wars

# 14739. RE: [FT100] RFI Problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 00:34:49 UTC
From: Blaine
Topic: 14623  Message: 14739

Hi All,

I believe the racing wire site was www.magnecor.com
<http://www.magnecor.com/> .

Blaine, VE7CQX

-----Original Message-----
From: Pres Waterman [mailto:presw@...]
Sent: June 18, 2002 11:12 AM
To: FT100@yahoogroups.com
Subject: [FT100] RFI Problem

Do you suppose that better plug wires would have any effect on the
problem?

If so I would LOVE to know about it. As a dealer, I am apt to change
cars
often enough that it's a pain to reinstall the radio, let alone change
wires, which are probably different in various cars anyway! So I am
recitent
to try aftermarket wires.

I did come across a manufacturer of racing wires that claims to reduce
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Unfortunately I lost the link. Maybe a search for "racing ignition
wires" or
the like would be fruitful. They did skirt around the issue of price.
They
may be quite expensive.

However, the problem may not be only in the wires. Several years ago
Ford
went from "distributorless ignition module" ( a potted module with wires
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4, 6
or 8 ( or 10! ) little "California Kilowatt" "transmitters" ( the
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coils on the plugs ). Now I notice on my 2002 Mustang we are back to
centralized coil. Anyway, the pop-pop-pop is still there, very loud and
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Not to mention that the broadcast radio puts out wandering hash all over
the
HF spectrum! That's a new one on me.

I am seriously thinking of taking an old trade in like a 1991 LTD and making
it a radio modile and forgetting about the radio in the flashy ride.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

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[Non-text portions of this message have been removed]

# 14740. RE: [FT100] Re: RFI Problem (some pointers)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 02:12:52 UTC
From: Nelson Moyer
Topic: 14623  Message: 14740

WA6PDP published 'Automotive RFI Elimination' in the Jan/Feb 2000 issue of QEX. It's an authoritative article on noise abatement in vehicles, and all mobile operators would benefit from reading it. Reprints are probably available from ARRL.

Nelson, KU0A

-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Tuesday, June 18, 2002 18:32 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: RFI Problem (some pointers)

These days there is alot of noise and it cant normally be attributed to just one thing. Firstly there is no racing wire that I know of that can claim to reduce RFI. Why? Its pretty simple.. Racing wires are designed to carry as much voltage and current to the plugs as possible and to do this well suppression is out of the question. Its a trade off for sure. Now you can buy good wires that will carry the maximum allowable amount of the above and still maintain good supression but they will not be as good as true racing wires.
Getting to your comment on the Ford independant coil layout, one would think that this would reduce RFI. Yes and no.. Now you have eliminated the wires (example the 5.4 Triton in the Expedition an 8 coil layout). This design is great for fuel economy and RFI supression but the problem is that the main goal of Ford engineers was not to reduce these RFI emissions in the first place but to make the vehicle more friendly to the environment. The noise that was once generated by the secondary portion of the ignition is now replaces by noisy primary 12v lines to each coil along with a noisy control unit. This may not necessarily occur on an Expedition but the introduction of computers into our cars most certainly complicates matters on some makes.
Anyway, diagnosing noise introduced into your HF rig requires some serious poking around as the noise may not be what you think. Its easy to be fooled into thinking that the ignition wires are the source but there may be more to it. To use the above example of noisy ignition wires, it could be many other things. Many cars are now using crank triggers, distributorless ignitions, fuel injection and various computers all which pulse at the same time that an engine must fire, so now you have several culprits instead of one. And RFI supression is not the paramount concern of any engineer that I know of.

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position. Its best to start with the car off and the radio on, turn on different things with the vehicle off and see if they generate noise, remeber to change modes and bands on the radio as you do each step. Then put the ignition in the on position but do not start the vehicle and retest all electronic devices and see if they generate noise making notes as you go along. Shut the rig (to protect it) and start the car and again retest all electronic devices with the vehicle running. Remember that electric fans come on and off when the car is warm or if the a/c or defroster is engaged so be sure to run the vehicle long enough to allow these devices to "avail themselves."

Many things make noise such as added load on the alternator, defroster, a/c compressor, computers, ignition systems, blower fans, radiator and a/c condensor fans, relays, fuel pumps.. Each car is different and may present RFI to the radio in different ways. Make sure the radio is well grounded and the antenna is located as far away from the offending items as possible. Remembet to run your rig directly from the battery. Determine how the interference is getting into the rig.. By the antenna or the dc line, maybe its radiated into the radio itself..

In a nutshell, try to determine whats actually going on, buying stuff and guessing is simply a waste of money. Many times the noise can be cured quite easily, other times its easier to replace the car :-) Regards..Richy N2ZD

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
> Do you suppose that better plug wires would have any effect on the problem?
> If so I would LOVE to know about it. As a dealer, I am apt to change cars
> often enough that it's a pain to reinstall the radio, let alone change
> wires, which are probably different in various cars anyway! So I am recitent
> to try aftermarket wires.
>
> I did come across a manufacturer of racing wires that claims to reduce RFI.
> Unfortunately I lost the link. Maybe a search for "racing ignition wires" or
> the like would be fruitful. They did skirt around the issue of price. They
> may be quite expensive.
>
> However, the problem may not be only in the wires. Several years ago Ford
> went from "distributorless ignition module" ( a potted module with wires
> going to the plugs, electrically fired ) to a coil-on-plug design

with 4, 6
> or 8 ( or 10! ) little "California Kilowatt" "transmitters" ( the
individual
> coils on the plugs ). Now I notice on my 2002 Mustang we are back to
> centralized coil. Anyway, the pop-pop-pop is still there, very loud
and
> although the FT-100 NB is terrific it does not help on 10m FM.
>
> Not to mention that the broadcast radio puts out wandering hash all
over the
> HF spectrum! That's a new one on me.
>
> I am seriously thinking of taking an old trade in like a 1991 LTD
and making
> it a radio modile and forgetting about the radio in the flashy ride.
>
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ???

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14741. Re: [FT100] Re: RFI Problem (some pointers)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 03:54:13 UTC
From: Nate Bargmann
Topic: 14623  Message: 14741

```
* Nelson Moyer <ku0a@...> [2002 Jun 18 22:36 -0500]:
> WA6PDP published 'Automotive RFI Elimination' in the Jan/Feb 2000 issue of
> QEX. It's an authoritative article on noise abatement in vehicles, and all
> mobile operators would benefit from reading it. Reprints are probably
> available from ARRL.

It would also be available on the 2000 ARRL Periodicals CD set which
includes QEX and NCJ as well.

73, de Nate >>

--
Wireless | Amateur Radio Station N0NB | "We have awakened a
Internet | n0nb@... | sleeping giant and
Location | Bremen, Kansas USA EM19ov | have instilled in him
Amateur radio exams; ham radio; Linux info @ | a terrible resolve".
http://www.qsl.net/n0nb/ | - Admiral Yamomoto
```

# 14742. Country codes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 04:41:58 UTC
From: Ian Foster
Topic: 14742  Message: 14742

AS mentioned in an earlier posting I made, There are some VERY different versions of the FT100D out there!

My experience with a unit destined for the JA market was that the unit would NOT open up or cover any extended bands from 6 metres and above despite double and triple checking of the mods that I had made.

The JA version shows many of the country specific options in both menu positions but does not list either AU or USA.

In an email I had from Vertex, they confirmed that the unit I had was fitted with a different interface CPU and that the only way I could get the radio to perform to suit VK conditions was to replace the JA dedicated (limited) CPU.
Yaesu / Vertex in JA sent me a replacement CPU which I fitted, checked all the alignment data from the service handbook and Lo and behold, the radio is now as it should be to suit VK and now all of the countries are also listed in the menu.

I might add that I have nothing but praise for my dealings with Yaesu / Vertex in Japan and also for the local agent who had not had the benefit of selling me the radio in the first place!!

My only complaint with the setup using the remote kit. ATAS100 etc is that the recovered audio in the speaker is not really loud enough to overcome reasonable roadnoise in the vehicle and I am currently looking at putting in a low level audio amplifier in the speaker enclosure to overcome the losses in the extender cable and the low recovery (efficiency) from the crummy little speaker that I am using. The speaker size was determined by what could be placed in the vehicle and remain XYL friendly.. ;-((

Ian Foster, VK3ST

Why does the mod seem to be "destination code" dependant?

In a reply by ., Gary Mitchelson <n3jpu@c...> > he stated "several
times and it did not work. I told him to switch the Destination code
to USA and it worked."

We now know that it works for destination code US, and I know it
works for AUS, but what about all the other codes in F57 and F58 such
as JPN, FRAN, BEL, GER, and EU1,EU2,EU3and EU4????

NOWHERE ON THE USUAL MODIFICATION SITES SUCH AS:

mods.dk, k0lee/.....ftfreeband.htm and k0lee/.....ftmods.jpg

IS THERE ANY MENTION OF THERE BEING A DESTINATION CODE DEPENDANCE,
ONLY THAT SOMETIMES, TO GET THE LAST DIGIT ON THE DISPLAY CORRECT, A
MODE CHANGE MAY BE REQUIRED.

Perhaps there needs to be a check by someone willing to give up their current settings to see if this is indeed the case, that the modification does require a special range of destination codes. If this is the case, then a note be added to the modification pages.

[Non-text portions of this message have been removed]

# 14743. Re: Country codes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 07:09:03 UTC
From: vk3qi2001
Topic: 14742  Message: 14743

Thanks Ian for your reply to my post.

Clearly there DOES NEED to be a warning on the various modification sites to the effect that the mods may not work, depending on where the particular radio is sourced from.

In a similar vein, the microphone supplied with the FT100 and 100D varies from country to country, depending on the importer. Hence the MMICROPHONE mod does NOT apply to all countries, and is specific to only one version of the microphone the MH-36.

(NOT the MH-42 for example)

Peter Forbes

VK3QI

--- In FT100@y..., "Ian Foster" <i.foster@b...> wrote:
> AS mentioned in an earlier posting I made, There are some VERY different versions of the FT100D out there!
>
> My experience with a unit destined for the JA market was that the unit would NOT open up or cover any extended bands from 6 metres and above despite double and triple checking of the mods that I had made.
>
> The JA version shows many of the country specific options in both menu positions but does not list either AU or USA.
>
> In an email I had from Vertex, they confirmed that the unit I had was fitted with a different interface CPU and that the only way I could get the radio to perform to suit VK conditions was to replace the JA dedicated (limited) CPU.
> Yaesu / Vertex in JA sent me a replacement CPU which I fitted, checked all the alignment data from the service handbook and Lo and behold, the radio is now as it should be to suit VK and now all of the countries are also listed in the menu.
>
> I might add that I have nothing but praise for my dealings with Yaesu / Vertex in Japan and also for the local agent who had not had the benefit of selling me the radio in the first place!!
>
> My only complaint with the setup using the remote kit. ATAS100 etc is that the recovered audio in the speaker is not really loud enough to overcome reasonable roadnoise in the vehicle and I am currently looking at putting in a low level audio amplifier in the speaker enclosure to overcome the losses in the extender cable and the low

recovery (efficiency) from the crummy little speaker that I am using.
The speaker size was determined by what could be placed in the
vehicle and remain XYL friendly.. ;-((
>
> Ian Foster, VK3ST

# 14744. FM receive problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 09:19:14 UTC
From: Richard Cooper
Topic: 14744  Message: 14744

Hi fellow FT100 users,

I purchased an FT100D just a couple of weeks ago, so obviously still well within warranty but I have a problem with FM receive that someone may know the cause of or at least experienced themselves.....

Sometimes when the radio is switched on, it is unable to receive on FM mode on any band. If you turn the squelch down, the white noise sounds rougher than usual and it is not possible to get a lot of volume. You can tune to a known signal & the s-meter will show a signal is there but you still hear this noise only. It's as if there is some local electrical interference. Disconnecting the antennas makes no difference to the noise. If I change mode, all other modes work fine. Eventually after about 5 minutes, FM receive will burst into life.
Wide FM seems to be almost the same as Narrow FM but when I tune to a very strong FM broadcast station, I do hear the signal but it is very weak sounding.

Any ideas folks?
It would be nice to have some info before I take it back to the store.

Many thanks,
73

Richard (G4WFR)

# 14745. Re: FM receive problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 11:21:46 UTC
From: ft100guy
Topic: 14744  Message: 14745

It could be any number of things, but most of all its not your concern. Bring it back so they can give you a new one. If you wait too long to bring it back they may opt to repair it causing down time for you. Its not a common problem here so have them furnish a new one and start happily hammin with it...Regards.. Richy N2ZD

--- In FT100@y..., "Richard Cooper" <richard@h...> wrote:
> Hi fellow FT100 users,
>
> I purchased an FT100D just a couple of weeks ago, so obviously still
> well within warranty but I have a problem with FM receive that someone
> may know the cause of or at least experienced themselves........
>
> Sometimes when the radio is switched on, it is unable to receive on FM
> mode on any band. If you turn the squelch down, the white noise sounds
> rougher than usual and it is not possible to get a lot of volume. You
> can tune to a known signal & the s-meter will show a signal is there but
> you still hear this noise only. It's as if there is some local
> electrical interference. Disconnecting the antennas makes no difference
> to the noise. If I change mode, all other modes work fine. Eventually
> after about 5 minutes, FM receive will burst into life.
> Wide FM seems to be almost the same as Narrow FM but when I tune to a
> very strong FM broadcast station, I do hear the signal but it is very
> weak sounding.
>
> Any ideas folks?
> It would be nice to have some info before I take it back to the store.
>
> Many thanks,
> 73
>
> Richard (G4WFR)

# 14746. Re: RFI Problem (some pointers)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 11:25:41 UTC
From: ft100guy
Topic: 14623  Message: 14746

Thats a misnomer indeed. Its possible to eliminate some forms of RFI but not all. Sometimes the solutions are not practical, other times impossible. Its the luck of the draw when dealing with this stuff, If a cars computer is generating some racket, many would not attempt to contain it beyond reasonable means. It depends on what components the Manufacturer neglected to engineer or shield properly and how much they cost to replace if you mess it up. Warranty concerns come into play when dealing with modern day vehicular RFI.
Its especially difficult to cure any RFI which enters thru the antenna except at the source. I have a 98 Saturn, the computer generates a spur on 146.52 on all of my radios. Maybe it can be cured but I for one am not going to mess with a computer that costs $450-600 USC to replace.. Another example is the Ford Fuel pump fiasco, its not cheap to add the filter and some have had lackluster results. If the manufacturer refuses to make these items radio friendly, one would find it difficult to make an RF friendly "replacement" themselves or tame such an item. There also is the reverse scenario, when the radio damages components in the car. In that case, you pay the bill for the repairs so its better to never mention a 2-way radio to your dealer in the first place.
That article may make for great reading but taming this stuff is not for everyone. If you have dc line induced RFI, go directly to the Stereo shop and pick up the biggest line suppressor you can find. This will help with most dc line absorbed RFI if it enters thru that point. Changing coax lengths,shielding, grounding, suppression of offending items at the source, all of these may work but the degree of containing such an item may be difficult. In addition, some radios are difficult to tame when used mobile. Thats a story for another day.
Regards.. Richy N2ZD

--- In FT100@y..., Nate Bargmann <n0nb@n...> wrote:
> * Nelson Moyer <ku0a@m...> [2002 Jun 18 22:36 -0500]:
> > WA6PDP published 'Automotive RFI Elimination' in the Jan/Feb 2000 issue of
> > QEX. It's an authoritative article on noise abatement in vehicles, and all
> > mobile operators would benefit from reading it. Reprints are probably
> > available from ARRL.
>
> It would also be available on the 2000 ARRL Periodicals CD set which
> includes QEX and NCJ as well.
>
> 73, de Nate >>

```
>
> --
> Wireless | Amateur Radio Station N0NB | "We have awakened
a
> Internet | n0nb@n... | sleeping giant and
> Location | Bremen, Kansas USA EM19ov | have instilled in
him
> Amateur radio exams; ham radio; Linux info @ | a terrible
resolve".
> http://www.qsl.net/n0nb/ | - Admiral Yamomoto
```

# 14747. RE: [FT100] Country codes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 12:40:32 UTC
From: Eric van de Weyer
Topic: 14742  Message: 14747

Don't worry, Ian.

I also have that complaint about the low audio output from the FT100D. I feel, however that it is quite easy to build a small amp fitted to the speaker to overcome that problem. I have seen some comments on this list in the past about the speaker output and some people have mentioned other speakers which may overcome this obviously with inbuilt amps.

I have not yet done this mod but will probably do so soon probably using an LM386 or similar.

73....Eric.

-----Original Message-----
From: Ian Foster [mailto:i.foster@...]
Sent: Wednesday, 19 June 2002 14:42
To: FT100@yahoogroups.com
Subject: [FT100] Country codes

AS mentioned in an earlier posting I made, There are some VERY different versions of the FT100D out there!

My experience with a unit destined for the JA market was that the unit would NOT open up or cover any extended bands from 6 metres and above despite double and triple checking of the mods that I had made.

The JA version shows many of the country specific options in both menu positions but does not list either AU or USA.

In an email I had from Vertex, they confirmed that the unit I had was fitted with a different interface CPU and that the only way I could get the radio to perform to suit VK conditions was to replace the JA dedicated (limited) CPU.
Yaesu / Vertex in JA sent me a replacement CPU which I fitted, checked all the alignment data from the service handbook and Lo and behold, the radio is now as it should be to suit VK and now all of the countries are also listed in the menu.

I might add that I have nothing but praise for my dealings with Yaesu / Vertex in Japan and also for the local agent who had not had the benefit of selling me the radio in the first place!!

My only complaint with the setup using the remote kit. ATAS100 etc is that the recovered audio in the speaker is not really loud enough to overcome reasonable roadnoise in the vehicle and I am currently looking at putting in a low level audio amplifier in the speaker enclosure to overcome the losses in the extender cable and the low recovery (efficiency) from the crummy

little speaker that I am using. The speaker size was determined by what could be placed in the vehicle and remain XYL friendly.. ;-((

Ian Foster, VK3ST

Why does the mod seem to be "destination code" dependant?

In a reply by ., Gary Mitchelson <n3jpu@c...> > he stated "several times and it did not work. I told him to switch the Destination code to USA and it worked."

We now know that it works for destination code US, and I know it works for AUS, but what about all the other codes in F57 and F58 such as JPN, FRAN, BEL, GER, and EU1,EU2,EU3and EU4????

NOWHERE ON THE USUAL MODIFICATION SITES SUCH AS:

mods.dk, k0lee/.....ftfreeband.htm and k0lee/.....ftmods.jpg

IS THERE ANY MENTION OF THERE BEING A DESTINATION CODE DEPENDANCE, ONLY THAT SOMETIMES, TO GET THE LAST DIGIT ON THE DISPLAY CORRECT, A MODE CHANGE MAY BE REQUIRED.

Perhaps there needs to be a check by someone willing to give up their current settings to see if this is indeed the case, that the modification does require a special range of destination codes. If this is the case, then a note be added to the modification pages.

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14748. Pirate mod or?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 11:30:40 UTC
From: J Craswell
Topic: 14748  Message: 14748

I think we should remember how the modification information is gotten if you go to the Manufacturer. When I've called Yaesu, Icom and Kenwood about making out of Band Mods to my radios ALL have required me to prove I have a license or permit to operate (MARS or CAP info) and mail or FAX it to them before they would reveal the "trick." So, while I agree we should follow the Amateur's Code I don't think we are out of bounds by not wanting to participate in passing info on how to operate out of band. This is about Amateur Radio not MARS/CAP or "Pirate" Radio right? BTW I'm still not clear why an Amateur (UK or otherwise) needs to transmit out of band. I think the right policy is to avoid passing that sort of info on E-Groups at all and leave it to the manufacturers to dole out.

73 de Jay Craswell W0VNE

Yoo Hoo tastes good!
<grin>

>Message: 2
> Date: Mon, 17 Jun 2002 21:21:18 -0000
> From: "kg4qqx" <kg4qqx@...>
>Subject: Re: rx/tx frequency mod

>Do I have to get an English Callsign to be a pirate? I have my own
>eye patch and think a peg leg would be nice too... Harr matey..

>Seriously though shouldn't we be encouraging everyone we can get to
>join the hobby, regardless of their occupation or whether or not
>they work aboard a maritime vessel? I mean pirate, bar wench,
>shopkeeper even wanna-be radio policeman should be welcome. And it
>seems to me that helping someone out shouldn't come with a price or
>a declaration of intent. Perhaps age has precipitated the loss of
>one of the key concepts of Amateur radio as listed in the amateur
>code:

>FRIENDLY- Slow and patient operating when requested; Friendly advice
>and council to the beginner; kindly assistance, cooperation and
>consideration for the interests of others. These are the hallmarks
>of the amateur spirit!

>I must have missed the part that added condescending, pompous,
>arrogant etc....

>Yo Ho Ho

# 14749. Re: [FT100] Low RX Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 13:59:25 UTC
From: David Kiwerski, Orange County Sheriff, C
Topic: 14749  Message: 14749

Motorola makes an amplified speaker that can be found at swap meets, etc. for a reasonable price.

Dave wp2aat

Eric van de Weyer wrote:

> Don't worry, Ian.
>
> I also have that complaint about the low audio output from the FT100D. I
> feel, however that it is quite easy to build a small amp fitted to the
> speaker to overcome that problem. I have seen some comments on this list in
> the past about the speaker output and some people have mentioned other
> speakers which may overcome this obviously with inbuilt amps.
>
> I have not yet done this mod but will probably do so soon probably using an
> LM386 or similar.
>
> 73....Eric.
>
> -----Original Message-----
> From: Ian Foster [mailto:i.foster@...]
> Sent: Wednesday, 19 June 2002 14:42
> To: FT100@yahoogroups.com
> Subject: [FT100] Country codes
>
> AS mentioned in an earlier posting I made, There are some VERY different
> versions of the FT100D out there!
>
> My experience with a unit destined for the JA market was that the unit
> would NOT open up or cover any extended bands from 6 metres and above
> despite double and triple checking of the mods that I had made.
>
> The JA version shows many of the country specific options in both menu
> positions but does not list either AU or USA.
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> fitted with a different interface CPU and that the only way I could get the
> radio to perform to suit VK conditions was to replace the JA dedicated
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> Yaesu / Vertex in JA sent me a replacement CPU which I fitted, checked all
> the alignment data from the service handbook and Lo and behold, the radio is
> now as it should be to suit VK and now all of the countries are also listed
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> I might add that I have nothing but praise for my dealings with Yaesu /

> Vertex in Japan and also for the local agent who had not had the benefit of
> selling me the radio in the first place!!
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> My only complaint with the setup using the remote kit. ATAS100 etc is that
> the recovered audio in the speaker is not really loud enough to overcome
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> a low level audio amplifier in the speaker enclosure to overcome the losses
> in the extender cable and the low recovery (efficiency) from the crummy
> little speaker that I am using. The speaker size was determined by what
> could be placed in the vehicle and remain XYL friendly.. ;-((
>
> Ian Foster, VK3ST
>
> Why does the mod seem to be "destination code" dependant?
>
> In a reply by ., Gary Mitchelson <n3jpu@c...> > he stated "several
> times and it did not work. I told him to switch the Destination code
> to USA and it worked."
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> We now know that it works for destination code US, and I know it
> works for AUS, but what about all the other codes in F57 and F58 such
> as JPN, FRAN, BEL, GER, and EU1,EU2,EU3and EU4????
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> NOWHERE ON THE USUAL MODIFICATION SITES SUCH AS:
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> IS THERE ANY MENTION OF THERE BEING A DESTINATION CODE DEPENDANCE,
> ONLY THAT SOMETIMES, TO GET THE LAST DIGIT ON THE DISPLAY CORRECT, A
> MODE CHANGE MAY BE REQUIRED.
>
> Perhaps there needs to be a check by someone willing to give up their
> current settings to see if this is indeed the case, that the
> modification does require a special range of destination codes. If
> this is the case, then a note be added to the modification pages.
>
> [Non-text portions of this message have been removed]
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
> [Non-text portions of this message have been removed]
>

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# 14750. Support for Lids and Pirates

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 11:45:31 UTC
From: J Craswell
Topic: 14750  Message: 14750

>Ya know, when you really think about it, telling a pirate how to enable
>out-of-band transmit would DECREASE the chance of ham band piracy.

>Wouldn't it?
>73,
>Paul K4PDM

Hey Paul, what a great idea and while we are at it lets give instruction on putting up better antennas for non ham frequencies so they won't get bored with the results and try our bands.

<SHEEESH>

As a user of some non ham spectrum who has had to deal with inane blather of Pirates I say thanks a bunch for a great idea. How about we leave the checking of required doc for non-ham mods to the manufacturers instead and leave this forum to Ham use of the FT-100 and D?

Jay W0VNE

# 14751. Re: [FT100] FM receive problem

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 14:57:26 UTC
From: Dick Thompson
Topic: 14744  Message: 14751

Richard, I'd suggest you return the radio to the dealer you purchased it from and ask for a replacement. Their response to such a request might be determined on their return policy, but you may get positive results if you insist that this has been an on-going problem.

Good luck. Just don't wait too long or it may require a trip to the factory for repair.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Richard Cooper
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 3:19 AM
Subject: [FT100] FM receive problem

Hi fellow FT100 users,

I purchased an FT100D just a couple of weeks ago, so obviously still well within warranty but I have a problem with FM receive that someone may know the cause of or at least experienced themselves........

Sometimes when the radio is switched on, it is unable to receive on FM mode on any band. If you turn the squelch down, the white noise sounds rougher than usual and it is not possible to get a lot of volume. You can tune to a known signal & the s-meter will show a signal is there but you still hear this noise only. It's as if there is some local electrical interference. Disconnecting the antennas makes no difference to the noise. If I change mode, all other modes work fine. Eventually after about 5 minutes, FM receive will burst into life.
Wide FM seems to be almost the same as Narrow FM but when I tune to a very strong FM broadcast station, I do hear the signal but it is very weak sounding.

Any ideas folks?
It would be nice to have some info before I take it back to the store.

Many thanks,
73

Richard (G4WFR)

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[Non-text portions of this message have been removed]

# 14752. Re: [FT100] Support for Lids and Pirates

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 16:12:49 UTC
From: Paul Manuel
Topic: 14750  Message: 14752

--- J Craswell <jay@...> wrote:
>>
> Hey Paul, what a great idea and while we are at it lets give instruction
> on putting up better antennas for non ham frequencies so they won't get
> bored with the results and try our bands.> <SHEEESH>
> As a user of some non ham spectrum who has had to deal with inane
blather of Pirates I say thanks a bunch for a great idea.
I'm sorry if my sarcastic remark was out-of-bounds. I figured the main use
for full-coverage transmit of ham rigs was to add to the morass just below
ten meters, which I figured was preferable to pirates IN the ham bands.
Obviously, pirates on some band have caused you great harm and I apoligize
for my remark, meant in jest.
73,
Paul K4PDM

_____
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 14753. FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 16:18:50 UTC
From: backhoefade
Topic: 14748  Message: 14753

The FT-100 and FT-100D are not CAP certified for either HF or VHF use. Take a look at http://www.ntc.cap.gov/comm/index.cfm and you'll see what I mean. So mod or no mod, it's still not compliant. So I'm a bit surprised though not completely surprised by the fact that the guys at Yaesu didn't mention that.

Aside from that, I want to mention that there is a definite advantage to having the ability to operate on the marine frequencies (eg. 156.XXX MHz) in times of emergency. If my fishing boat was taking on water with the engine frozen and drifting towards the rocks and heavy surf would I transmit on a marine channel with my FT-100D ? You betcha!!
N6AF Chas

--- In FT100@y..., "J Craswell" <jay@i...> wrote:
> I think we should remember how the modification information is gotten if you
> go to the Manufacturer. When I've called Yaesu, Icom and Kenwood about
> making out of Band Mods to my radios ALL have required me to prove I have a
> license or permit to operate (MARS or CAP info) and mail or FAX it to them
> before they would reveal the "trick." So, while I agree we should follow
> the Amateur's Code I don't think we are out of bounds by not wanting to
> participate in passing info on how to operate out of band. This is about
> Amateur Radio not MARS/CAP or "Pirate" Radio right? BTW I'm still not clear
> why an Amateur (UK or otherwise) needs to transmit out of band. I think the
> right policy is to avoid passing that sort of info on E-Groups at all and
> leave it to the manufacturers to dole out.
>
> 73 de Jay Craswell W0VNE
>
> Yoo Hoo tastes good!
> <grin>
>
> >Message: 2
> > Date: Mon, 17 Jun 2002 21:21:18 -0000
> > From: "kg4qqx" <kg4qqx@b...>

> >Subject: Re: rx/tx frequency mod
>
> >Do I have to get an English Callsign to be a pirate? I have my own
> >eye patch and think a peg leg would be nice too... Harr matey..
>
> >Seriously though shouldn't we be encouraging everyone we can get to
> >join the hobby, regardless of their occupation or whether or not
> >they work aboard a maritime vessel? I mean pirate, bar wench,
> >shopkeeper even wanna-be radio policeman should be welcome. And it
> >seems to me that helping someone out shouldn't come with a price or
> >a declaration of intent. Perhaps age has precipitated the loss of
> >one of the key concepts of Amateur radio as listed in the amateur
> >code:
>
> >FRIENDLY- Slow and patient operating when requested; Friendly
advice
> >and council to the beginner; kindly assistance, cooperation and
> >consideration for the interests of others. These are the hallmarks
> >of the amateur spirit!
>
> >I must have missed the part that added condescending, pompous,
> >arrogant etc....
>
> >Yo Ho Ho

# 14754. Real-time HF Propagation Charts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 16:27:11 UTC
From: backhoefade
Topic: 14754  Message: 14754

The group should find these charts interesting and useful for operation with the FT-100(D). Click on "Real-time HF Propagation Charts" at http://www.ntc.cap.gov/comm/index.cfm

73 N6AF Chas

# 14755. FT100D and ATAS in a 1999 Tahoe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:00:08 UTC
From: Pres Waterman
Topic: 14755  Message: 14755

.

File : /Mobile Installations/99 tahoe mount.zip
Uploaded by : w9wy <guido@...>
Description : FT100D and ATAS in a 1999 Tahoe

You can access this file at the URL

It would be strongly preferable that pictures of mobile installations be
placed in the PHOTOS section, which is 30MB and dedicated to photos, with
thumbnails, etc, rather than the 20MB FILES area.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14756. RFI Problem (some pointers)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:03:28 UTC
From: Pres Waterman
Topic: 14623  Message: 14756

)

* Nelson Moyer <ku0a@...> [2002 Jun 18 22:36 -0500]:
> WA6PDP published 'Automotive RFI Elimination' in the Jan/Feb 2000 issue of
> QEX. It's an authoritative article on noise abatement in vehicles, and all
> mobile operators would benefit from reading it. Reprints are probably
> available from ARRL.

It would also be available on the 2000 ARRL Periodicals CD set which
includes QEX and NCJ as well.

Sounds great, but I would bet it, like just about everything I have read in
vain, says things like "go directly to the battery" and "bond things like
hood ( bonnet ) and tailpipe" and I doubt it really addresses the various
evil radiating things that Richy so astutely pointed out.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14757. Country codes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:04:53 UTC
From: Pres Waterman
Topic: 14742  Message: 14757

In an email I had from Vertex, they confirmed that the unit I had was fitted with a different interface CPU and that the only way I could get the radio to perform to suit VK conditions was to replace the JA dedicated (limited) CPU.
Yaesu / Vertex in JA sent me a replacement CPU which I fitted, checked all the alignment data from the service handbook and Lo and behold, the radio is now as it should be to suit VK and now all of the countries are also listed in the menu.

When you changed the CPU, was it a million-pin flatpack, and if so, how tricky was the soldering? Is it something a hobbyist has a shot at?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14758. Re: FT100D and ATAS in a 1999 Tahoe

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:07:53 UTC
From: robashman6178
Topic: 14755  Message: 14758

O.k am i missing somthing or where is the link???

Rob M3RJA
--- In FT100@y..., Pres Waterman <presw@1...> wrote:
> .
>
> File : /Mobile Installations/99 tahoe mount.zip
> Uploaded by : w9wy <guido@m...>
> Description : FT100D and ATAS in a 1999 Tahoe
>
> You can access this file at the URL
>
>
> It would be strongly preferable that pictures of mobile
installations be
> placed in the PHOTOS section, which is 30MB and dedicated to
photos, with
> thumbnails, etc, rather than the 20MB FILES area.
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14759. FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:09:33 UTC
From: Pres Waterman
Topic: 14748  Message: 14759

Aside from that, I want to mention that there is a definite advantage
to having the ability to operate on the marine frequencies
(eg. 156.XXX MHz) in times of emergency. If my fishing boat was
taking on water with the engine frozen and drifting towards the rocks
and heavy surf would I transmit on a marine channel with my FT-100D ?

When "normal means of communications are not available"... did your marine
radio fall overboard on your fishing boat?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14760. Re: Country codes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:12:46 UTC
From: backhoefade
Topic: 14742  Message: 14760

Been there - done that; 144 pin ASICs etc. You must use a super
fine tip iron and a microscope. There's no other approach or you
will butcher the heck out of it. Removal requires the use of a
special iron with a tip that blows compressed air. That, along with
an initial pass with solder wick, will get the thing out. But it's
not an easy task even with the best tools.
N6AF Chas

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
> In an email I had from Vertex, they confirmed that the unit I had
was fitted
> with a different interface CPU and that the only way I could get
the radio
> to perform to suit VK conditions was to replace the JA dedicated
(limited)
> CPU.
> Yaesu / Vertex in JA sent me a replacement CPU which I fitted,
checked all
> the alignment data from the service handbook and Lo and behold, the
radio is
> now as it should be to suit VK and now all of the countries are
also listed
> in the menu.
>
> When you changed the CPU, was it a million-pin flatpack, and if so,
how
> tricky was the soldering? Is it something a hobbyist has a shot at?
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14761. What they do.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 15:03:43 UTC
From: J Craswell
Topic: 14761  Message: 14761

Hi Paul: Thanks for the letter.

Just to give you an idea of the sorts of problems I've had I participate in CAP. One example We were on a Search and Rescue Mission and the only communication we had was over a VHF repeater outside of the ham bands. When talking to the Mission Coordinator who was relaying info from the Air Force Rescue Coordination Center we had to overcome Wolf howling sounds and Heavy Metal Music being played. Now in this case it was only a False Alarm (An Airplane safe in the hanger with a faulty Emergency Locator Transmitter) but MAN that pissed me off. This has happened more than once and it's not cool.

The ARMY MARS freqs above the 75 meter phone band I've had my share of Jammers and Pirates chatting up a storm. Some are probably "spy" numbers stations but by the topics I believe at least a few are pirates / lids fooling around.

Locally one "genius" tuned into Police and Ambulance freqs and tried misdirecting them. He even "ordered" the PD to "shoot the suspect" which fortunately they were wise to. The worst part is that this jack ass was a licensed Ham. He had no reason to own an out of band radio. i.e. not CAP or MARS license. He apparently started out small with jamming the MacDonalds Drive up windows with fake orders but then moved up this this insanity. I think we need to think twice on making it too easy to cause this sort of mischief. Sure many technical people who are "lids" can figure this out but at least lets not help the non technical lids and mental patients.

73 de Jay W0VNE

# 14762. Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 17:26:38 UTC
From: backhoefade
Topic: 14748  Message: 14762

Imagine a hypothetical situation where a Ham is out fishing in a simple skiff (not loaded with marine electronics) and all he has on hand is his trusty Handie-Talkie for example.

But you're right - in general, ham gear is for hamming and marine gear is for boating.

N6AF Chas

--- In FT100@y..., Pres Waterman <presw@1...> wrote:
>
> Aside from that, I want to mention that there is a definite advantage
> to having the ability to operate on the marine frequencies
> (eg. 156.XXX MHz) in times of emergency. If my fishing boat was
> taking on water with the engine frozen and drifting towards the rocks
> and heavy surf would I transmit on a marine channel with my FT-100D ?
>
> When "normal means of communications are not available"... did your marine
> radio fall overboard on your fishing boat?
>
> Thanks
>
> Pres Waterman W2PW
> c/o Patchogue Motors, Inc.
> Long Island Ford and Kia dealer
>
> GO BILLS!
> ©¿©

# 14763. Re: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-18 00:57:20 UTC
From: Norm, W3IZ
Topic: 14717  Message: 14763

Try the High Sierra and you'll love it. Don't have to leave the vehicle to QSY and it covers 10m - 80m. It requires a real mount too so you'll have to get under to the frame and secure it well. When installed properly it plays like a masterpiece.

http://mywebpages.comcast.net/w3iz/mobile.html

73,
Norm, W3IZ
----- Original Message -----
From: Richard W. Solomon
To: FT100@yahoogroups.com
Sent: Monday, June 17, 2002 5:42 PM
Subject: RE: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

Here I go again ....
Take a look at the Hustler Mobile antenna. I have 4 bands
(20/17/15/12) on the mast (which also works on 6mtrs),
instant bandswitching, no tuning. Unless, of course, you just
have to have a DC to Daylight antenna.

73, Dick, W1KSZ
(247 worked Mobile)

-----Original Message-----
From: vmi_1979 [mailto:vmi_1979@...]
Sent: Monday, June 17, 2002 5:33 PM
To: FT100@yahoogroups.com
Subject: [FT100] I'm Tired of ATAS-100 Problems - Ready to Try Something Different

I am about ready to "trash" my old style (pins instead of screws)
ATAS-100 for something more reliable. The purpose of this posting is
to get some feedback from those of you with FT-100's that have gone
with a different style/brand screwdriver antenna.

The Hi-Q Steath antennas seem to be a great antennas but are rather
pricy. Any other recommendations?

Has anyone purchased the new ASAC Automatic Screwdriver Antenna Tuner
(specifically for the FT-100) from AmCom Inc.? How does it work?

I am also toying with the idea of biting the bullet and installing an
amp at the same time. Any recommendations on good mobile amps?

The best radio will only be useful as a boat anchor if connected to a
lousy antenna. Since I don't fish, hopefully feedback from this

posting will keep my FT-100 on the air and not in the water.

Thanks,
Craig - K5VMI

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14764. Re: [FT100] Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 18:03:12 UTC
From: Dam Sign Shop
Topic: 14748  Message: 14764

>Imagine a hypothetical situation where a Ham is out fishing in a simple skiff (not loaded with marine electronics) and all he has on hand is his trusty Handie-Talkie for example.

But you're right - in general, ham gear is for hamming and marine gear is for boating.

I am still live by the Boy scout moto " Be Prepared" ..... Just because my auto will drive over 100 mph dosent mean I would do it.. But If it was the only means to rush a loved one to the hospital I would. The same thing with my radios. Just because it could tx out of a ham band dosent mean I would do it with out an extreme situation.

Bob Adams
n8wvl

[Non-text portions of this message have been removed]

# 14765. Re: [FT100] Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 18:30:39 UTC
From: Scott Kamm
Topic: 14748  Message: 14765

Heck, Here we've got a better than thou ham in the area that uses the marine band to keep in contact with his wife on a daily basis.(no boat in volved).He's an Advance class operator,(what in the hell does that mean?)My interpretation is:this must allow you to do as you see fit on any band you want to play on.In a past posting that I had made; I had stated that I've had reported this guy in ,and the F.C.C. has done nothing on this matter.But'yet this guy had the nerve to chew me out for having FRS,and Cb radios in my stations (both mobile and base).When questioned on this matter at one time,his response was that they don't use the freq.'s around this area let alone around the Missouri River.In which I know differantly.

backhoefade wrote:

> Imagine a hypothetical situation where a Ham is out fishing in a
> simple skiff (not loaded with marine electronics) and all he has on
> hand is his trusty Handie-Talkie for example.
>
> But you're right - in general, ham gear is for hamming and marine
> gear is for boating.
>
> N6AF Chas
>
> --- In FT100@y..., Pres Waterman <presw@1...> wrote:
> >
> > Aside from that, I want to mention that there is a definite
> advantage
> > to having the ability to operate on the marine frequencies
> > (eg. 156.XXX MHz) in times of emergency. If my fishing boat was
> > taking on water with the engine frozen and drifting towards the
> rocks
> > and heavy surf would I transmit on a marine channel with my FT-
> 100D ?
> >
> > When "normal means of communications are not available"... did your
> marine
> > radio fall overboard on your fishing boat?
> >
> > Thanks
> >
> > Pres Waterman W2PW
> > c/o Patchogue Motors, Inc.
> > Long Island Ford and Kia dealer
> >
> > GO BILLS!
> > ???

>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 14766. Re: [FT100] FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:13:19 UTC
From: Jim Lasswell
Topic: 14748  Message: 14766

Pres.... I think you are trying to be a SMART ASS, and really not doing a very good job of it. Lots of smaller boats and the operators of those boats, only have a handy scratchy on board. My boat is a 22 ft., twin eng. open fishing boat and that is all I use, along with a cb radio. so don't get on your high horse and tell every one what they do and should do. 73 Jim AD6DW

----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 10:09 AM
Subject: [FT100] FT-100(D) is not CAP compliant

Aside from that, I want to mention that there is a definite advantage
to having the ability to operate on the marine frequencies
(eg. 156.XXX MHz) in times of emergency. If my fishing boat was
taking on water with the engine frozen and drifting towards the rocks
and heavy surf would I transmit on a marine channel with my FT-100D ?

When "normal means of communications are not available"... did your marine
radio fall overboard on your fishing boat?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14767. Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:26:27 UTC
From: hsimpson1234
Topic: 14748  Message: 14767

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
all I use, along with a cb radio.

so don't get on your high horse and tell every one what they do and
should do. 73 Jim AD6DW
have been removed]

Should have known you were a CB radio operator!

# 14768. Re: [FT100] FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:30:22 UTC
From: Dick Thompson
Topic: 14748  Message: 14768

Boy, it must be a job to be perfect. You just tell everybody off don't you Jimmy Boy. And I guess we're all supposed to be impressed with your 22' rowboat with 2 trolling engines on the back. The one thing you mentioned was that you had a cb radio on board your "ship". Now we all know why you're such a jerk. Go back to Channel 11 and be a smart ass there Jimmy Boy.

It's hard being humble when you're perfect I guess. I think we're all kind of sick of you and your jackass ramblings. Go take another Prozac and calm down Jimmy Boy.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Jim Lasswell
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:13 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Pres.... I think you are trying to be a SMART ASS, and really not doing a very good job of it. Lots of smaller boats and the operators of those boats, only have a handy scratchy on board. My boat is a 22 ft., twin eng. open fishing boat and that is all I use, along with a cb radio. so don't get on your high horse and tell every one what they do and should do. 73 Jim AD6DW

----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 10:09 AM
Subject: [FT100] FT-100(D) is not CAP compliant

Aside from that, I want to mention that there is a definite advantage
to having the ability to operate on the marine frequencies
(eg. 156.XXX MHz) in times of emergency. If my fishing boat was
taking on water with the engine frozen and drifting towards the rocks
and heavy surf would I transmit on a marine channel with my FT-100D ?

When "normal means of communications are not available"... did your marine
radio fall overboard on your fishing boat?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14769. Occasionally 'splattering' squelch on V/U FM RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:36:04 UTC
From: Frank van Wensveen
Topic: 14769  Message: 14769

When not using my FT-100, I usually have it tuned to 145.6125MHz (my local repeater frequency) or 466.710 MHz (the local police dispatch frequency).
Now and then I notice the squelch beginning to 'splatter'. To clarify, what happens is this:

- The S-meter indicates brief peaks from S1 to S9++
(like there's a lot of static or irregular spark-induced QRM)
- The green 'busy' LED goes on and off
- Lots of 'static-like' crackling sounds come from the speaker

This all *looks* like there's just a lot of QRM'ish noise on the frequency, but when I turn the squech threshold knob counterclockwise to open up the squelch, the whole phenomenon disappears. If there really was static or QRM being received, this should not happen.
Also, if I turn the squelch threshold knob fully clockwise, the speaker remains muted but the 'busy' LED and the S-meter still indicate irregular, intermittent and brief signal peaks.

Ideas or suggestions, anyone? Have other FT100 owners noticed the same? (BTW, I have the thermal and VSWR mods on my rig.)

73,

Frank PA3GMP

# 14770. Re: [FT100] Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:34:34 UTC
From: Dick Thompson
Topic: 14748  Message: 14770

Amen!

73,

Dick
WB0DUL@...
----- Original Message -----
From: hsimpson1234
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:26 PM
Subject: [FT100] Re: FT-100(D) is not CAP compliant

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
all I use, along with a cb radio.

so don't get on your high horse and tell every one what they do and
should do. 73 Jim AD6DW
have been removed]

Should have known you were a CB radio operator!

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14771. Re: [FT100] Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:38:33 UTC
From: Jim Lasswell
Topic: 14748  Message: 14771

why didn't you post the whole message Prezzz. I don't use a cb radio, my son does, and only on the local channels, so are you going to get on his case as well. I dont think so.
----- Original Message -----
From: hsimpson1234
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 12:26 PM
Subject: [FT100] Re: FT-100(D) is not CAP compliant

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
all I use, along with a cb radio.

so don't get on your high horse and tell every one what they do and
should do. 73 Jim AD6DW
have been removed]

Should have known you were a CB radio operator!

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14772. Re: [FT100] FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:43:58 UTC
From: Jim Lasswell
Topic: 14748  Message: 14772

Dickie... I had that remark coming. Sorry. Maybe I should go take a prozak. hi hi.

----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 12:30 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Boy, it must be a job to be perfect. You just tell everybody off don't you Jimmy Boy. And I guess we're all supposed to be impressed with your 22' rowboat with 2 trolling engines on the back. The one thing you mentioned was that you had a cb radio on board your "ship". Now we all know why you're such a jerk. Go back to Channel 11 and be a smart ass there Jimmy Boy.

It's hard being humble when you're perfect I guess. I think we're all kind of sick of you and your jackass ramblings. Go take another Prozac and calm down Jimmy Boy.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Jim Lasswell
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:13 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Pres.... I think you are trying to be a SMART ASS, and really not doing a very good job of it. Lots of smaller boats and the operators of those boats, only have a handy scratchy on board. My boat is a 22 ft., twin eng. open fishing boat and that is all I use, along with a cb radio. so don't get on your high horse and tell every one what they do and should do. 73 Jim AD6DW

----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 10:09 AM
Subject: [FT100] FT-100(D) is not CAP compliant

Aside from that, I want to mention that there is a definite advantage
to having the ability to operate on the marine frequencies
(eg. 156.XXX MHz) in times of emergency. If my fishing boat was
taking on water with the engine frozen and drifting towards the rocks
and heavy surf would I transmit on a marine channel with my FT-100D ?

When "normal means of communications are not available"... did your marine radio fall overboard on your fishing boat?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@...m
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14773. why cant people just get on?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 19:45:43 UTC
From: robashman6178
Topic: 14773  Message: 14773

Hi everybody,
its just a thought but is amateur radio not ment to
promote "friendship"?. from my observations there appear to be people
who "get off" on just having a go at one another and its just going
on the basis of "mines better than yours" now i guess im not the only
one who is getting SICK TO THE BACK TEETH of my mail box getting
filled up with the same old junk, now im sorry to every body else who
are quite happy to get on with each other but to the rest of you.....
if you havent got anything nice to say SHUT UP.

73s rob M3RJA

# 14774. Re: [FT100] why cant people just get on?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 20:29:13 UTC
From: Frank van Wensveen
Topic: 14773  Message: 14774

On Wed, 19 Jun 2002 19:45:43 -0000, you wrote:

> Hi everybody,
> its just a thought but is amateur radio not ment to promote "friendship"?.
Maybe we should all stay away from E-mail. :-)
I've been in E-mail forums for some 20 years now (starting with
FIDOnet) and there have been fights and flame wars for as long as I
can remember (and certainly much longer). There's something about
E-mail that does something to people, I don't know what... I'm sure
this whole sorry mudfight wouldn't have happened if it had been
conducted in CW! :-)

73,

Frank PA3GMP

# 14775. I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 20:41:35 UTC
From: tartanlatte
Topic: 14775  Message: 14775

Just like to congratulate Yaesu. My FT100D arrived back today after only 22 days out of my posession for the FAn and GND mods!!!

Shipped 5-28
Received 5-31
Assigned 6-09
Completed 6-12
Arrived 6-19

Great job Yaesu - long may it continue... Also got a photocopy of their 'work order traveller' detailing all the measurements carried out...

your mileage of course may vary...

Regards

Robin
W7YED/GM4YED

# 14776. Re: Occasionally 'splattering' squelch on V/U FM RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-19 20:50:42 UTC
From: vk2new
Topic: 14769  Message: 14776

Hi group, I hope all is well.
Frank the way I listen on any commercial channel noise free is I activate CTCSS decode and listen in tone quiet. All I hear is the signal or station which transmits the same code as my radio is selected for. If you do not know the code of a certain station or company/fleet, just activate the CTCSS decode so the channel is quiet, then hold the func-key in for a second, then select menu #12 and turn the VFO knob slowly until you hear audio as long as they are transmitting CTCSS and not DCS. If they are using DCS then just use the same sequence (menu #7) as I have explained for CTCSS. End result is a fully manual tone decoder and it works fantastic with no intermod or crad that wide band receivers are known for.
Goodluck and have fun with your FT-100 like I have been for almost 10 months.
73 Anthony
vk2new.

# 14777. CPU transpolant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 01:03:07 UTC
From: Ian Foster
Topic: 14777  Message: 14777

Hello Pres,

>When you changed the CPU, was it a million-pin flatpack, and if so, how
>tricky was the soldering? Is it something a hobbyist has a shot at?

>Thanks

>Pres Waterman W2PW
>c/o Patchogue Motors, Inc.
>Long Island Ford and Kia dealer

In a personal email to another member of this group I responded as per the quote to more or less the same question and is as follows:-

Yes it is a delicate task to do the transplant.

It appears at least in my case that they did not use any locating glue to hold the CPU prior to soldering so the removal was relatively easy using a hot air gun from my SMC work station.
After the chip was removed, I just ran the iron close on the tracks to clean up any solder paste splashes and double checked for track shorts by running a sharp point between all of the pads.

I found the most difficult part was the soldering of the replacement unit onto the board. This was in part due to care needed not to create any bridges on the pins of the CPU.
I only soldered a few leads on and then decided to remove the CPU again and then place a very fine solder wipe on each pad in the absence of having low temperature solder paste in the workshop.
I then tacked the four corners (three pins each way) to the board and then used a conventional low temp iron to wipe down and away on each of the pins. This allowed the existing tinning of the new CPU to sweat itself to the small amount of residual solder that I had left on the PCB.

The whole operation took about 50 minutes and was certainly an exercise in patience.

Before I started, I wrecked an old mobile phone and did a few practice runs on similar SMC's in it as it did not matter how many I destroyed in the process.

I can tell you that I was more than relieved when the radio burst into life after the operation!!!!!

At least I had my bases covered as Yaesu / Vertex also sell that whole board as a spare part and if I had stuffed up the operation I could have purchased that front board assembly for around $US100.

For the sake of $US20, I was going to give the job a try and see how it went. At 55yrs old, the hands and eyes are not what they once used to be and I normally try to avoid working on SMC like the plague but this was a worth while challenge that I am glad I tackled.

As an extra comment though, a mention of "solder wick" was made in another posting.
This would be a most dangerous approach as solder wick does have a tendency to "magnify" the heat and whilst it works reasonably well in many applications, its use in assisting to remove SMC / SMD's other than resistors, capacitors and perhaps diodes should be avoided. The heat factor through solder wick can be enough to destroy the micro fine tracks on the PCB and if that happens, there can be major problems....

~~The Amateur Experimenter Spirit is still alive and well ~~

73 de Ian Foster, VK3ST

[Non-text portions of this message have been removed]

# 14778. Re: [FT100] FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 02:31:00 UTC
From: Dick Thompson
Topic: 14748  Message: 14778

Jim, I think it's time we wipe the slate clean and start anew. I apologize for comments I've made and I really don't want to get into a pissing battle of words, because nobody really wins.

I questioned on gentleman about his call or lack thereof and I felt justified in doing so. Not as a reflector "cop" but as a ham who has been licensed for 40 years and tired of people who have a call, ask for mods that aren't normal, and refuse to give there call. I got support from some and my tail reamed by others. I did apologize publicly on the reflector and privately to Shaun. Either he hasn't been back on or he doesn't care to acknowledge my apology. I can't do anymore than what I did.

So, if you are in agreement, let's start all over and be friends instead of slinging mud at each other.

I'm sure I've said things that ticked off some folks and I'm sure you have also. There are some folks you couldn't keep happy if you hung them with a new rope.

So, I apologize and hope you will accept it. If I have anything to say to you I'll do it to your address on qrz.com and you may do so at my address on qrz.com.

In addition to apologizing to you, I also apologize to all the other members of this great reflector. I think we all mean well, but screw up in the way we do things. Life is too short and ham radio is a hobby where you make friends. We all need as many friends as we can accumulate. I know I do.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Jim Lasswell
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:43 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Dickie... I had that remark coming. Sorry. Maybe I should go take a prozak. hi hi.

----- Original Message -----
From: Dick Thompson
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 12:30 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Boy, it must be a job to be perfect. You just tell everybody off don't you Jimmy Boy. And I guess we're all supposed to be impressed with your 22' rowboat with 2 trolling engines on the back. The one thing you mentioned was that you had a cb radio on board your "ship". Now we all know why you're such a jerk. Go back to Channel 11 and be a smart ass there Jimmy

Boy.

It's hard being humble when you're perfect I guess. I think we're all kind of sick of you and your jackass ramblings. Go take another Prozac and calm down Jimmy Boy.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Jim Lasswell
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:13 PM
Subject: Re: [FT100] FT-100(D) is not CAP compliant

Pres.... I think you are trying to be a SMART ASS, and really not doing a very good job of it. Lots of smaller boats and the operators of those boats, only have a handy scratchy on board. My boat is a 22 ft., twin eng. open fishing boat and that is all I use, along with a cb radio. so don't get on your high horse and tell every one what they do and should do. 73 Jim AD6DW

----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 10:09 AM
Subject: [FT100] FT-100(D) is not CAP compliant

Aside from that, I want to mention that there is a definite advantage
to having the ability to operate on the marine frequencies
(eg. 156.XXX MHz) in times of emergency. If my fishing boat was
taking on water with the engine frozen and drifting towards the rocks
and heavy surf would I transmit on a marine channel with my FT-100D ?

When "normal means of communications are not available"... did your marine
radio fall overboard on your fishing boat?

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
©¿©

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14779. Re: FT-100(D) is not CAP compliant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 02:34:43 UTC
From: kc0jao
Topic: 14748  Message: 14779

--- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> Dickie... I had that remark coming. Sorry. Maybe I should go take a prozak. hi hi.
>
> ----- Original Message -----
> From: Dick Thompson
> To: FT100@y...
> Sent: Wednesday, June 19, 2002 12:30 PM
> Subject: Re: [FT100] FT-100(D) is not CAP compliant
>
>
> Boy, it must be a job to be perfect. You just tell everybody off don't you Jimmy Boy. And I guess we're all supposed to be impressed with your 22' rowboat with 2 trolling engines on the back. >

I couldnt agree more Dick, Not much from this one that is positive, must be an AOL chatroom flunky.

Jim Bob you do need to take a chill pill! Your not a great flamer anyway. For gods sake, with all your money, why wouldnt you just spend $150 bucks on a marine radio instead of using a more expensive amateur radio ILLEAGALLY!

FT100, FT100, FT100. I thought I would make sure I mentioned the FT100 at least 4 times, after all, this is an FT100 group.

"Jeffy Boy"

# 14780. Re: [FT100] why cant people just get on?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 02:43:45 UTC
From: Dick Thompson
Topic: 14773  Message: 14780

Rob, you are absolutely correct. Please see another posting of mine on this reflector.

73,

Dick
WB0DUL@...
----- Original Message -----
From: robashman6178
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 1:45 PM
Subject: [FT100] why cant people just get on?

Hi everybody,
its just a thought but is amateur radio not ment to
promote "friendship"?. from my observations there appear to be people
who "get off" on just having a go at one another and its just going
on the basis of "mines better than yours" now i guess im not the only
one who is getting SICK TO THE BACK TEETH of my mail box getting
filled up with the same old junk, now im sorry to every body else who
are quite happy to get on with each other but to the rest of you.....
if you havent got anything nice to say SHUT UP.

73s rob M3RJA

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14781. Re: [FT100] I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 02:44:38 UTC
From: Dick Thompson
Topic: 14775  Message: 14781

Some people live charmed lives. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: tartanlatte
To: FT100@yahoogroups.com
Sent: Wednesday, June 19, 2002 2:41 PM
Subject: [FT100] I must be special ;-)

Just like to congratulate Yaesu. My FT100D arrived back today after
only 22 days out of my posession for the FAn and GND mods!!!

Shipped 5-28
Received 5-31
Assigned 6-09
Completed 6-12
Arrived 6-19

Great job Yaesu - long may it continue... Also got a photocopy of
their 'work order traveller' detailing all the measurements carried
out...

your mileage of course may vary...

Regards

Robin
W7YED/GM4YED

Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14782. FT-100 Out of Band Mods etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 02:45:52 UTC
From: ve7baq
Topic: 14782  Message: 14782

It is with a great smile on my face that I read the various posts recently about requests for making mods to the FT- 100 (or any other rig) so as to be able to transmit out of the Ham Bands, and some of the responses. If some will remember, when I asked the question a few months ago, "Why do you want to transmit out of the Ham Bands?" I received many replies, some quite terse. Blunt would be one description! One person said they were traveling to another country and wanted to use the ham frequencies for that country which were not usable here, which was OK. Another wanted to operate CAP, which I thought was OK, another wanted to operate MARS, which I also thought was OK. I then explained that we on the northwest coast of British Columbia have had quite a few fish boat operators using ham bands for a multitude of reasons without bothering to get a ham license and it has been a real nuisance to some hams and that was my reason for the post. HOWEVER, later in the posts I have been reading that the FT-100 is not compliant for either MARS or CAP use. So that only leaves operation in an area that has ham bands that are not originally included with the factory settings. Lately Shaun in the UK has been given a rather rough going over by some because he didn't give his ham call with his request for mods. Lets think before lambasting someone unfairly. I don't think any ham should knowingly transmit out of band, but as one post recently said in a REAL emergency, do what is necessary. My FT-100 will work on the Alaska emergency frequency of 5167.5 Khz but the book says it will not be full power. I don't do it but the freq is there if needed. This makes me think that the transmitter output circuits are probably optimized for the ham bands, they are probably band pass circuits. I would be very careful when making mods that are too far from the original frequencies. You can't "tweak" the finals like you could on the old tube rigs, and these finals are much more expensive. To be quite frank, I rather like the original factory settings that keep me from accidentally going out of band.
Einar VE7BAQ

# 14783. Re: Re: FT-100D is not related to "HTT"

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 04:04:19 UTC
From: Tim
Topic: 14783  Message: 14783

> --- In FT100@y..., Jim Lasswell <ad6dw@p...> wrote:
> all I use, along with a cb radio.
>
> so don't get on your high horse and tell every one what they do and
> should do. 73 Jim AD6DW
> have been removed]
>
>
> Should have known you were a CB radio operator!

SCRUNCH
Scrunch
scrunch

What is that noise?
It's the sound of Ham
allocations shrinking.

Seriously though, this
kind of stuff is why ham
radio is in the currant state
it is, with all the bickering
and name calling. Don't
worry about what others
do, or don't do...
Spend that time operating,
and getting youngsters
involved.

Tim
KA2PKH

>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

--
Tim

---
Tea IS my Religion!

[Non-text portions of this message have been removed]

# 14784. Freeband mod undo ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 04:41:54 UTC
From: Dave Adams
Topic: 14784  Message: 14784

Here's a new twist on the freeband mod issue....

I would like to know how to undo the Freeband TX mod on my FT-100D. I bought it used, and I don't really want the chance possibility of someone (or possibly me) transmitting outside of the ham bands. I hold a technician level licence and use the radio only for FM repeaters right now. (and listening on HF) I bought the rig because it fit perfectly remote-mounted in my Toyota Tundra and I didn't want to have to re-do the installation when I move up in licence class.

I find it all too easy to twist the wrong dial while driving or pull up the wrong menu and end up doing something unexpected. So, is there a way I can undo the mod??

BTW, My FT-100D is remote-mounted with the head mounted above the rear-view mirror (in the area where the sunglasss holder/ garage-door opener was) and the RF deck mounted under the passenger seat. I've got some digital pics of the mounting of the FT100 head and of the ATAS-100 mounted on the bed rail. If anyone's interested I'll post 'em.

Also, I've all but given up on my radiated RFI problem. I've grounded, filtered and tweaked myself blue and the noise continues. Good thing it's mainly only on 40 meters and the NB works pretty darn well on it.

73
Dave,
KG6GZY

# 14785. Radio Modifications

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 05:16:46 UTC
From: coolrigger7
Topic: 14785  Message: 14785

Dear Member,

Radio Modifications is a group dedicated to the repair maintenance and modification of radio related equipment. I found this group, which is extremely helpful for ham radio operators who need information about their equipment. Whether you are a novice or experienced, this group will benefit all aspects of ham radio.

If you would like to join, please email the following RadioModifications-subscribe@yahoogroups.com or go to the website http://groups.yahoo.com/group/RadioModifications

Brian McGuire

# 14786. Re: [FT100] Freeband mod undo ???

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 06:57:33 UTC
From: Frank van Wensveen
Topic: 14784  Message: 14786

On Wed, 19 Jun 2002 21:41:54 -0700, you wrote:

> I would like to know how to undo the Freeband TX mod on my FT-100D.
Have you tried resetting the rig to the factory default settings?

- Turn the FT-100 off
- Press and hold the HOME and FUNC keys
- While holding these keys down, switch on the FT-100
- Release HOME and FUNC keys
Repeat the procedure, this time with the DSP and LOCK keys.

I don't know if that undoes the out-of-band mod (the software part at least) but it would be the first thing I'd try.

73,

Frank PA3GMP

# 14787. Re: [FT100] FT-100 Out of Band Mods etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 07:06:52 UTC
From: Frank van Wensveen
Topic: 14782  Message: 14787

On Thu, 20 Jun 2002 02:45:52 -0000, you wrote:

> "Why do you want to transmit out of the Ham Bands?"
The fact that hams in different countries are subject to different regulations also complicates the matter. For me, tweaking my FT-100 to Xmit out of band means that I risk my licence. Big time.

> One person said they were traveling to another country
> and wanted to use the ham frequencies for that country which were not
> usable here, which was OK.
Not always. For me (with a Dutch licence) it would be illegal to mod my rig to Xmit on, say, 220MHz in the US.

> So that only leaves
> operation in an area that has ham bands that are not originally
> included with the factory settings.
Indeed. Lately there's some talk around here about extending the 40m band up to 7300kHz. If that goes through, a frequency mod would be indicated.

> My FT-100 will work on the Alaska emergency
> frequency of 5167.5 Khz but the book says it will not be full power.
> I don't do it but the freq is there if needed. This makes me think
> that the transmitter output circuits are probably optimized for the
> ham bands, they are probably band pass circuits.
True. They are. That's why RX specs may degrade on other bands.

> I would be very
> careful when making mods that are too far from the original
> frequencies. You can't "tweak" the finals like you could on the old
> tube rigs, and these finals are much more expensive.
Either it works or it breaks, No other way to find out. :-)

> To be quite
> frank, I rather like the original factory settings that keep me from
> accidentally going out of band.
Me too. But apparently that's a matter of personal taste. :-)

Regards,
Frank

-- No man is an island if he's on at least one mailing list.

==========
Email: frankvw@...
Homepage: http://www.vanwensveen.nl
==========

# 14788. Re: rx/tx frequency mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 07:35:56 UTC
From: ft100guy
Topic: 14658  Message: 14788

I am wondering how many Hams modded the FT100 to use it on channel 19 when traveling.. Hmmm Dont everyone answer at once. :-)

Maybe I will propose an FT100 poll on that topic..

Anyway, lets all forget it ever happened. The guys who spoke out do so in the best interests of Amateur radio. Protecting what we have is of paramount importance and its a touchy topic with most hams.

Anyway, I need to know how to restore the "roger beep" and also what diode I need to clip to get the cell phones on an FT100... :-)
Regards.. Richy N2ZD

# 14789. Re: FT100 Country Codes and low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 09:41:03 UTC
From: Gordon & Kate
Topic: 14789  Message: 14789

My FT-100 has a country code of US and I can Tx from 3.5 to 4MHZ which is not legal in OZ. I haven't fiddled with it and everything else about the radio is fine. Although the 2m and 70cm auto repeater shifts are a bit odd in some sections of the band I am not sure if changing the country to OZ wil help this. Someone mentioned about a year ago, that changing the country code can severely stuff the radio, so I have left well alone.

Any ideas on that.

In regards to low audio when mobile I use a small Uniden extension speaker from Tricky Dickie's that is mounted in my Discovery on the grab handle for the backseat passenger behind the driver. This puts it right behind my ear so I can listen comfortably without upsetting other passengers (except when I talk).

Thanks also to everyones reply re the sloppy ext speaker socket, I am waiting on an answer from the local agent, I want it sorted under warranty .

Regards
Gordon Taylor VK4VP
gordokate@...

# 14790. RE: [FT100] Occasionally 'splattering' squelch on V/U FM RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 11:17:08 UTC
From: Eric van de Weyer
Topic: 14769  Message: 14790

Hi Frank,

Why don't you try just disconnecting the antenna first, next time and see if that affects it. this will indicate if it is coming in via the antenna or is being generated in the xcvr itself.

73....Eric VK2KUR

-----Original Message-----
From: Frank van Wensveen [mailto:frankvw@...]
Sent: Thursday, 20 June 2002 05:36
To: FT100@yahoogroups.com
Subject: [FT100] Occasionally 'splattering' squelch on V/U FM RX

When not using my FT-100, I usually have it tuned to 145.6125MHz (my local repeater frequency) or 466.710 MHz (the local police dispatch frequency).
Now and then I notice the squelch beginning to 'splatter'. To clarify, what happens is this:

- The S-meter indicates brief peaks from S1 to S9++
(like there's a lot of static or irregular spark-induced QRM)
- The green 'busy' LED goes on and off
- Lots of 'static-like' crackling sounds come from the speaker

This all *looks* like there's just a lot of QRM'ish noise on the frequency, but when I turn the squech threshold knob counterclockwise to open up the squelch, the whole phenomenon disappears. If there really was static or QRM being received, this should not happen.
Also, if I turn the squelch threshold knob fully clockwise, the speaker remains muted but the 'busy' LED and the S-meter still indicate irregular, intermittent and brief signal peaks.

Ideas or suggestions, anyone? Have other FT100 owners noticed the same? (BTW, I have the thermal and VSWR mods on my rig.)

73,

Frank PA3GMP

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14791. RE: [FT100] CPU transplant

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 11:31:53 UTC
From: Eric van de Weyer
Topic: 14777  Message: 14791

Hi Ian,

congratulations on tackling the job of the surface mount brain. It is great to see that there are still some Amateurs out there who are prepared to have a go at it.

I have done a bit of surface mount transplanting over the years and also some repairs to notebook screens. I am pushing 50 and have stayed ahead of the game by having glasses which are made specifically for close up work plus a maggy lamp.

It really is a thrill when you spend that time on something on the off chance that you will have a working unit at the end of it all and it works when you switch it on.

Welcome to the club of those of us who have tried and succeeded.

73....Eric VK2KUR
-----Original Message-----
From: Ian Foster [mailto:i.foster@...]
Sent: Thursday, 20 June 2002 11:03
To: FT100@yahoogroups.com
Subject: [FT100] CPU transpolant

Hello Pres,

>When you changed the CPU, was it a million-pin flatpack, and if so, how
>tricky was the soldering? Is it something a hobbyist has a shot at?

>Thanks

>Pres Waterman W2PW
>c/o Patchogue Motors, Inc.
>Long Island Ford and Kia dealer

In a personal email to another member of this group I responded as per the quote to more or less the same question and is as follows:-

Yes it is a delicate task to do the transplant.

It appears at least in my case that they did not use any locating glue to hold the CPU prior to soldering so the removal was relatively easy using a hot air gun from my SMC work station.
After the chip was removed, I just ran the iron close on the tracks to clean up any solder paste splashes and double checked for track shorts by running a sharp point between all of the pads.

I found the most difficult part was the soldering of the replacement unit onto the board. This was in part due to care needed not to create any bridges on the pins of the CPU.
I only soldered a few leads on and then decided to remove the CPU again and then place a very fine solder wipe on each pad in the absence of having low temperature solder paste in the workshop.
I then tacked the four corners (three pins each way) to the board and then used a conventional low temp iron to wipe down and away on each of the pins. This allowed the existing tinning of the new CPU to sweat itself to the small amount of residual solder that I had left on the PCB.

The whole operation took about 50 minutes and was certainly an exercise in patience.

Before I started, I wrecked an old mobile phone and did a few practice runs on similar SMC's in it as it did not matter how many I destroyed in the process.

I can tell you that I was more than relieved when the radio burst into life after the operation!!!!!

At least I had my bases covered as Yaesu / Vertex also sell that whole board as a spare part and if I had stuffed up the operation I could have purchased that front board assembly for around $US100.

For the sake of $US20, I was going to give the job a try and see how it went. At 55yrs old, the hands and eyes are not what they once used to be and I normally try to avoid working on SMC like the plague but this was a worth while challenge that I am glad I tackled.

As an extra comment though, a mention of "solder wick" was made in another posting.
This would be a most dangerous approach as solder wick does have a tendency to "magnify" the heat and whilst it works reasonably well in many applications, its use in assisting to remove SMC / SMD's other than resistors, capacitors and perhaps diodes should be avoided. The heat factor through solder wick can be enough to destroy the micro fine tracks on the PCB and if that happens, there can be major problems....

~~The Amateur Experimenter Spirit is still alive and well ~~

73 de Ian Foster, VK3ST

[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14792. RE: [FT100] Re: FT100 Country Codes and low Audio

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 11:45:47 UTC
From: Eric van de Weyer
Topic: 14789  Message: 14792

Hi Gordon,

my FT100D came from Tricky's set to USA as well and had the same problems you mention with the repeater offsets etc.

I eventually decided to change it to the AUS setting and had no problem at all except, of course, the need to re-enter the memories. I took the opportunity to sit down and re-organise all my memories into a more logical (to me) order and I am very happy that I did bite the bullet and do the change.

Just follow the instructions and you should have no problems.

73....Eric VK2KUR.

-----Original Message-----
From: Gordon & Kate [mailto:gordokate@...]
Sent: Thursday, 20 June 2002 19:41
To: FT100@yahoogroups.com
Subject: [FT100] Re: FT100 Country Codes and low Audio

My FT-100 has a country code of US and I can Tx from 3.5 to 4MHZ which is not legal in OZ. I haven't fiddled with it and everything else about the radio is fine. Although the 2m and 70cm auto repeater shifts are a bit odd
in some sections of the band I am not sure if changing the country to OZ wil
help this. Someone mentioned about a year ago, that changing the country code can severely stuff the radio, so I have left well alone.

Any ideas on that.

In regards to low audio when mobile I use a small Uniden extension speaker from Tricky Dickie's that is mounted in my Discovery on the grab handle for
the backseat passenger behind the driver. This puts it right behind my ear
so I can listen comfortably without upsetting other passengers (except when
I talk).

Thanks also to everyones reply re the sloppy ext speaker socket, I am waiting on an answer from the local agent, I want it sorted under warranty .

Regards
Gordon Taylor VK4VP

gordokate@...

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[Non-text portions of this message have been removed]

# 14793. Well done VK3ST!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 12:40:15 UTC
From: J Craswell
Topic: 14793  Message: 14793

I just wanted to say how impressed I was with your CPU swap project! Well done. I've often thought how nice it would be to replace ALL the CPUs in the radios we have now adays with ones that could be reprogrammed (ie Flash) where you plug in and rewrite the firmware.

73 de Jay W0VNE

# 14794. Flames on the internet

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 12:55:59 UTC
From: J Craswell
Topic: 14794  Message: 14794

I think keeping the trash-talk on the Internet (and off the air) is exactly what the FCC folks have said we should do. i.e. Don't have this sort of conversation on the air. That is primarily what makes us look bad. Check the tapes of the WA6NUT repeater for example and tell me this is helping our image. FCC chiefs have said on more than one occasion "Take it to the internet" where no one seems to care. However I've always thought we ought to conduct ourselves as ladies and gents here as well. But I do agree. There is something about the internet that turns civil people into jackasses. Myself included once or twice. I've often told people that one factor about Amateur Radio keeps things a little more civilized. If a CB operator calls me a name who is he? I don't have a clue who the Rubber Duck (Or whatever) is. In ham radio if W1ABC calls my XYL fat pig I can at least look him up in the call book drive / Fly out to his house and punch him in the face. The Internet (like CB Radio) is a great cover. joeschmo@... etc is not easily looked up. The other factor (my opinion) is in person conversation you have a lot of signs to tell you if the person is really trying to insult or anger you. Voice inflections, facial etc. Even on the radio the voice can give you signs if the person is kidding or maybe just not fluent with typing the English language. Emails tend to snow ball I think. People take offense and then take the offensive. It snowballs and everyone is acting like a 5th grader picking fights. Not very mature.

I dunno, that's my two cents worth.

73 de Jay Craswell W0VNE

The great "Internet." The only thing that makes CB radio look normal.

# 14795. Chevy Blazer FT-100 installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 15:09:07 UTC
From: k8mam2000
Topic: 14795  Message: 14795

Where is the best place to run 12v power and ground through the firewall on a Blazer? Any existing cable pass-through? Any suggestions would be appreciated. Thanks.

# 14796. No! The FT-100 is ok for MARS use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 13:09:04 UTC
From: J Craswell
Topic: 14796  Message: 14796

I noted a message saying the FT-100 is not Legit for MARS use. This is incorrect! Army MARS is not required to follow NTIA regs nor (According to my chief) will need to do so in the near future. Army MARS stations working on Shares or FEMA channels do need to be NTIA approved but that is a different story. Now perhaps the USAF and Navy Marine Corp boys have a different program going that I don't know about?

The FT-100 is NOT approved for CAP use at this time.
The CAP NTIA approved list currently does not include the FT-100 or FT-100D for HF use since it's OSC stability is (I believe) 1 PPM and the current regs are .677 (or is it .667?) in any event "IF" you had a higher spec osc unit (As they provide for the FT-817) it would be "ok" for HF use. Since there is not 3rd party unit at this time that meets this spec it's no soap. The VHF side of the radio does not meet Recv specs. i.e. it is not "solid" enough from interference from nearby stations to be NTIA approved for (so called) wideband mode. It flunks Narrow (I would say Narrower Band) mode also.

Too bad - because it is a hell of a rig!

73 de Jay Craswell W0VNE
aka Deputy State Director MN Army MARS
aka Wing Engineer MN CAP

# 14797. Re: No! The FT-100 is ok for MARS use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 15:51:11 UTC
From: backhoefade
Topic: 14796  Message: 14797

I had made the comment earlier about it not being compliant for CAP. I wasn't aware of its compliance status regarding MARS op. After toying with my FT-100D for over a year with all sorts of base and mobile antenna setups, and after having the spurious oscillation mod done and still sometimes seeing the "SWR gremlin" under certain conditions, I would vote a two thumbs down at this point if I were asked whether I would trust the FT-100D in defense or potential life support/emergency service applications. I would probably go with the 706 for that if I had to choose a rig for example to take on an around the world sailing adventure. If I could only take one rig it would probably be the 706, but if I could take two then the second would definitely be my FT-100D since I much prefer its receiver. I just lost a bit of the faith a while back when I saw the transmitter start doing its SWR icon thing even with the mod implemented by Cerritos. So as far as reliability and "load tolerance" the transmitter gets about a C grade. The transmitter gets an A grade in terms of performance whenever the spurious osc is not present (especially with the mic mod by Richy N2ZD) and the receiver gets an exemplary strong A+. But the reliability of the transmitter in terms of that spurious oscillation lurking in the background keeps the TX reliability grade at a C.
N6AF Chas

--- In FT100@y..., "J Craswell" <jay@i...> wrote:
> I noted a message saying the FT-100 is not Legit for MARS use. This is
> incorrect! Army MARS is not required to follow NTIA regs nor (According to
> my chief) will need to do so in the near future. Army MARS stations working
> on Shares or FEMA channels do need to be NTIA approved but that is a
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> unit (As they provide for the FT-817) it would be "ok" for HF use. Since
> there is not 3rd party unit at this time that meets this spec it's

no soap.
> The VHF side of the radio does not meet Recv specs. i.e. it is
not "solid"
> enough from interference from nearby stations to be NTIA approved
for (so
> called) wideband mode. It flunks Narrow (I would say Narrower
Band) mode
> also.
>
> Too bad - because it is a hell of a rig!
>
> 73 de Jay Craswell W0VNE
> aka Deputy State Director MN Army MARS
> aka Wing Engineer MN CAP

# 14798. Re: I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 16:30:28 UTC
From: tartanlatte
Topic: 14775  Message: 14798

In case anyone is interested I updated my webpage with the before and after pictures. What was interesting was that two 'copper tape tents' sprung up and were grounded to the central ribbing, I don't recall seeing that in any of the pictures of the mods to date...

http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100

73's

Robin
W7YED/GM4YED

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Some people live charmed lives. :)
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: tartanlatte
> To: FT100@y...
> Sent: Wednesday, June 19, 2002 2:41 PM
> Subject: [FT100] I must be special ;-)
>
>
> Just like to congratulate Yaesu. My FT100D arrived back today
after
> only 22 days out of my posession for the FAn and GND mods!!!
>
> Shipped 5-28
> Received 5-31
> Assigned 6-09
> Completed 6-12
> Arrived 6-19
>
> Great job Yaesu - long may it continue... Also got a photocopy of
> their 'work order traveller' detailing all the measurements
carried
> out...
>
> your mileage of course may vary...
>
> Regards
>
> Robin

> W7YED/GM4YED
>
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 14799. Re: [FT100] Re: Occasionally 'splattering' squelch on V/U FM RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 17:35:30 UTC
From: Frank van Wensveen
Topic: 14769  Message: 14799

On Wed, 19 Jun 2002 20:50:42 -0000, Anthony wrote:

> Hi group, I hope all is well.
> Frank the way I listen on any commercial channel noise free is I
> activate CTCSS decode and listen in tone quiet. All I hear is the
> signal or station which transmits the same code as my radio is
> selected for.

I appreciate your suggestion, Anthony, but I'm afraid that doesn't address the real problem. It's not QRM or other noise on the channel (which CTCSS takes care of very nicely, I agree with you) but instead it seems to originate in my FT100. Opening up the squelch fixes it (but of course then I have to listen to the white noise of an empty channel).

73,

Frank PA3GMP

# 14800. Re: [FT100] Occasionally 'splattering' squelch on V/U FM RX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 17:39:07 UTC
From: Frank van Wensveen
Topic: 14769  Message: 14800

On Thu, 20 Jun 2002 21:17:08 +1000, Eric wrote:

> Why don't you try just disconnecting the antenna first, next time and see if
> that affects it. this will indicate if it is coming in via the antenna or is
> being generated in the xcvr itself.
I did, Eric. Even with a shielded 50 ohm dummy load the splutter
continues. So it has to originate in the FT100.

So far I seem to be the only one with this problem, i.e. it's not a
known 'feature' (like the VSWR problem) that Yaesu forgot to
field-test.

Regards,
Frank

-- No man is an island if he's on at least one mailing list.

==========================================
Email: frankvw@...
Homepage: http://www.vanwensveen.nl
==========================================

# 14801. Re: [FT100] Re: I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 17:48:10 UTC
From: Frank van Wensveen
Topic: 14775  Message: 14801

On Thu, 20 Jun 2002 16:30:28 -0000, you wrote:

> In case anyone is interested I updated my webpage with the before and
> after pictures. What was interesting was that two 'copper tape tents'
> sprung up and were grounded to the central ribbing, I don't recall
> seeing that in any of the pictures of the mods to date...
You're right - neither have I. This looks something new. Let us know
how it works over the next few weeks, if you will.

73,

Frank PA3GMP

# 14802. Re: I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 18:19:02 UTC
From: backhoefade
Topic: 14775  Message: 14802

Great photos. I've never seen those shields before either. Looks like the original Yaesu mod with just the screwed-in straps turned out to not quite fix the problem. That's been my experience; even with the straps in there, it acts a bit flakey at times. Yaesu wouldn't have gone further such as adding these shields unless they deemed it necessary since any rework like this adds cost. I will try adding some shielding like that. Thanks for the excellent pics.
N6AF Chas

--- In FT100@y..., "tartanlatte" <robin@t...> wrote:
> In case anyone is interested I updated my webpage with the before and
> after pictures. What was interesting was that two 'copper tape tents'
> sprung up and were grounded to the central ribbing, I don't recall
> seeing that in any of the pictures of the mods to date...
>
> http://www.tartanlatte.com/rmalexander/Interests/Radio/ft100
>
> 73's
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> Robin
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> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > Some people live charmed lives. :)
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> > 73,
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> > Dick
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> > ----- Original Message -----
> > From: tartanlatte
> > To: FT100@y...
> > Sent: Wednesday, June 19, 2002 2:41 PM
> > Subject: [FT100] I must be special ;-)
> >
> >
> > Just like to congratulate Yaesu. My FT100D arrived back today
> after
> > only 22 days out of my posession for the FAn and GND mods!!!
> >
> > Shipped 5-28
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> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]

# 14803. FT100 vs IC706

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 18:21:57 UTC
From: k0rfh
Topic: 14803  Message: 14803

I am agonizing over these 2 rigs. I want to buy one soon but can't come to a decision that I feel comfortable with. I have been a devout Kenwood fan over the years, but for some reason they lack common sense when it comes to these HF mobile class of rigs. I was wondering if anyone can tell me why they went the route they did on purchasing the FT100 and why they perceive the 100 to be a better rig than the 706.

I appreciate the info. Please feel free to post offline to k0rfh@...

Thanks

73,

RJ
K0RFH

# 14804. Re: FT100 vs IC706 comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 20:13:39 UTC
From: backhoefade
Topic: 14803  Message: 14804

Here it is in a nutshell (well, actually in a neat compact cabinet). The FT-100D has the superior receiver in terms of front end overload, strong adjacent channel signal rejection, superior noise blanker performance, the ability to receive above 460 MHz and the inclusion of variable bandwidth DSP filtering in both CW (down to 60 Hz) and SSB operation. The downside to the rig is that it requires two modifications in order to kill an internal spurious oscillation and in order to allow the fans to function properly during VHF/UHF operation. A third minor mod to the microphone yields excellent transmit audio; without that mod many people report somewhat muffled sounding audio. So you really need to have the "spurious" (or often called "SWR" mod) and the fan mods done. It's best to have them done by the Yaesu service center but you may be giving up the rig for a few weeks. Recently someone reported a 22 day turn-around including shipping. You have to open the top cover to see if the mod has been implemented for the spruious issue. To this day I have never heard of anyone buying a new FT-100D with the fan mod already implemented. We rarely hear about a spurious transmitter problem with the 706 but I have read a few reports of that specifically at the 706 website so it can happen. But for practical comparison you shouldn't expect that problem with the 706. A couple features that the 706 boasts over the 100D is alphanumeric labels for stored freq's and the ability to program frequencies via an external PC. The FT-100D lacks both of these. They're only important if such features really appeal to you.
So that's the dilemma; you have to do the mods if you want the rig with the superior receiver. If you're a "receiver nut", also if you operate CW a lot, I strongly advise going the FT-100D route. It is an excellent receiver and the variable bandwidth DSP filtering is great for crowded CW conditions (and also for crowded SSB). The 706 doesn't have variable bandwidth DSP which to me is missing the whole point when it comes to DSP filtering. The 706 does have a superior DSP notch filter but the one in the FT-100D generally will get the job done.
73 N6AF Chas

--- In FT100@y..., "k0rfh" <k0rfh@a...> wrote:
> I am agonizing over these 2 rigs. I want to buy one soon but can't
> come to a decision that I feel comfortable with. I have been a
devout
> Kenwood fan over the years, but for some reason they lack common
> sense when it comes to these HF mobile class of rigs. I was
wondering
> if anyone can tell me why they went the route they did on
purchasing

> the FT100 and why they perceive the 100 to be a better rig than the
> 706.
>
> I appreciate the info. Please feel free to post offline to
> k0rfh@a...
>
> Thanks
>
> 73,
>
> RJ
> K0RFH

# 14805. Re: [FT100] Re: I must be special ;-)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 20:54:21 UTC
From: Frank van Wensveen
Topic: 14775  Message: 14805

On Thu, 20 Jun 2002 18:19:02 -0000, Chas wrote:

> That's been my experience; even
> with the straps in there, it acts a bit flakey at times.
Well, you need a lot of ground contact surface. I'd done the mod earlier but omitted the screw, trusting to a piece of rubber I'd stuck on top of the ground strip to press the strip against the center rib of the chassis once the top cover was in place. That didn't work. I went back to it and placed the screw so that the strip touched the center rib over as large a surface as possible, and so far it seems to have don the trick (knock on wood).

> Yaesu wouldn't have gone further such as adding these shields unless
> they deemed it necessary since any rework like this adds cost.
Exactly. Could anyone tell me exactly which parts of the circuitry have been shielded with this new construction?

Regards,
Frank

-- No man is an island if he's on at least one mailing list.

==========
Email: frankvw@...
Homepage: http://www.vanwensveen.nl
==========

# 14806. Re: Chevy Blazer FT-100 installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 21:33:18 UTC
From: ng3f
Topic: 14795  Message: 14806

--- In FT100@y..., "k8mam2000" <k8mam@c...> wrote:
> Where is the best place to run 12v power and ground through the
> firewall on a Blazer? Any existing cable pass-through? Any
> suggestions would be appreciated. Thanks.

In my 2001 Chevy S10 I could not find a good pass-through in the firewall. Too much stuff crammed into a small place.
On the S10, with the hood up and driver's door open, I found a hole in the driver's side fender that I could pass wires through and it came out at the door frame about 1/2 way up the door. I did not run the power cables all the way to the battering, but connected the positive lead to the + side of the fuse/breaker/relay box in the engine compartment and the gnd lead to a ground lug on the firewall. Fuses in each line. I then ran the power cord through the holes mentioned above and covered them with wire/cable covers that just slipped over them. The covers protect the cables from rubbing on the metal. The power cables then come in to the cab at the front/bottom of the door frame, get tucked under the plastic door jam, and then to the radio w/any exposed wire covered with more cable/wire covers. I put a small wire tie on the power cables just before they enter the door jam as a water drip point.

I'll get some pics and post them with the other pics of my installation in the photos/mobile installations section.
Hopes this helps or at least gives you some ideas of where to look.

73's
Chris, NG3F

# 14807. AT-11MP and W4RT OTT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 21:54:04 UTC
From: Dick Thompson
Topic: 14807  Message: 14807

I recently purchased a W4RT One Touch Tuning (OTT-100D) and an LDG Electronics AT-11MP Autotuner.

Is anyone using this combination with the Samlex SEC 1223 Switching Power Supply?

The AT-11MP requires 12 volts DC and I was wondering if I could safely draw the 12 volts off the back of the Samlex Supply where I hook up the 100D? The FT-100D draws 22 amps at 100W and the supply is a 23 amp supply. LDG Electronics says that the AT-11MP needs at least 0.5 amps. So, my calculations tell me that I may be pushing the envelope but should be OK.

The AT-11MP kind of "whirs and grinds" when it is tuning an antenna. Is this a normal sound? The tuner in my FT-920 is as quiet as a church mouse, thus the reason for my question. I am using the OTT-100D to throw the FT-100D into tuning mode. It's much easier than having to go through hoops and barrel rings to get the 100D into a tune mode. The slick thing about the AT-11MP is when I was using my 75 meter hamstick antenna at 3989 for the Columbine Net and the hamstick on 75 is about 20 kHz wide. After the net I tuned down to 3850, spoke into the mic and the tuner automatically came on and adjusted the antenna to look at a 1.5:1 SWR. I was impressed to say the least.

Any suggestions would be appreciated. W4RT says I really don't need their additional cables because the OTT-100D will work just fine as long as I connect their interconnecting cable between the Acc JAck on the FT-100D and the Radio Interface Jack on the back of the AT-11MP.

When the fires around here are out and we can find a green place to take a camper, the above combo will sure make hamming in the high country fun.

73,

Dick
WB0DUL@...

[Non-text portions of this message have been removed]

# 14808. RE: [FT100] Re: Chevy Blazer FT-100 installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-20 23:21:13 UTC
From: Robert J. Curci
Topic: 14795  Message: 14808

Chris,

I too have a 2001 S10. I found a place to pass the wires through along with the other wiring. I'll post some pics soon. As for where you took the power from, GM was at Dayton and they had a picture of their recommended power location for various cars. On the S10, they said to take it from just where you did. The ground should be on the firewall just below the cowling, there is a bolt with some ground wires already attached. You did the right thing! GM says that's the place for EMI reasons.

73 de Bob
n2xr
-----Original Message-----
From: ng3f [mailto:ng3f@...]
Sent: Thursday, June 20, 2002 5:33 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Chevy Blazer FT-100 installation

--- In FT100@y..., "k8mam2000" <k8mam@c...> wrote:
> Where is the best place to run 12v power and ground through the
> firewall on a Blazer? Any existing cable pass-through? Any
> suggestions would be appreciated. Thanks.

In my 2001 Chevy S10 I could not find a good pass-through in the firewall. Too much stuff crammed into a small place.
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I'll get some pics and post them with the other pics of my installation in the photos/mobile installations section.
Hopes this helps or at least gives you some ideas of where to look.

73's
Chris, NG3F

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14809. Out of Band Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 01:33:40 UTC
From: wa4npl
Topic: 14809  Message: 14809

I'm a Broadcast Radio Engineer, and ( bless it's heart) my old
FT-757 has matched many AM broadcast arrays using a
Delta OIB-3 in-line impedence bridge. It will make power well below
1Mhz and does a great job on PSK31 at 14.070 between jobs.
I would like to upgrade to the FT-100D, but if it can't be modified
to transmit in the AM broadcast band, Im going to have to still
carry the FT-757. I wouldn't buy a car that was restricted to only
interstates.... why would I want a radio that only transmits on
Ham bands ? Just act responsibile. And yes, I pull the labels off
my pillows and mattresses. :-) WA4NPL

# 14810. Re: Ext Speaker Socket

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 01:48:59 UTC
From: cat100bob
Topic: 14559  Message: 14810

--- In FT100@y..., "cat100bob" <b.hillard@w...> wrote:
I stand corrected - I took a closer look at the intermittant external speaker connector. The problem appears to be an intermittant solder connection of the external speaker connector to the FT100's PC board.

The problem is also there when not using the external speaker. I just never noticed it before as I always use an external speaker. I can move the FT100's board mounted connector and cause the internal speaker to become intermittant also (audio passes through the connector on the way to the internal speaker).

But I did find that if I put a constant downward pressure on the connector the internal speaker audio becomes constant. So I super glued a small piece of medium density foam material to the FT100's bottom cover. It is 5/8" in height, sufficient to put constant pressure on the board mounted external speaker connector. I used a piece of foam from a foam sanding block.

This is at best a temporary fix, and the radio will have to go back to Yaesu's repair center at some point for a permanent fix. It is not possible to get to the bottom side of the PC board without removing the board. A chore I don't want to undertake (and I used to manage a communications service shop).

I'm sure that there will be a sizeable repair bill from Yaesu for replacing this 25 cent item, and I'll be without the radio for a month or so. Let's hope that the foam material holds up for a while.

Bob WA6UFQ

> Have the same problem here. As a temporary 'fix' I went to Radio Shack
> and got a gold adaptor. It fits tighter than the standard plug. I had
> to put a stero plug on the external speaker lead though, and wire the
> tip and ring together, as the Radio Shack adaptor was a mono to stereo
> adaptor.
>
> I don't think that the problem is due to an intermittant solder
> connection between the PC board and the speaker socket, but rather
> fatigue in the metal contacts in the socket.
>
> I will probably do the fix recommended in another reply - leave the
> original socket in place and bring a pigtail lead out the hole for the
> socket. I'll probably wire directly to the internal speaker as I don't
> care that the internal speaker remains on when I plug in an external
> speaker.
>

> WA6UFQ
>
> --- In FT100@y..., "Howard Cunningham" <howardc@m...> wrote:
> > Are you sure that you are using the correct size plug?
> >
> > WD5DBC
> > hc
> >
> > Howard Cunningham
> > MACRO Systems, LLC
> > 3867 Plaza Drive
> > Fairfax, VA 22030
> >
> > (703) 359-9211
> > (703) 591-0446 (F)
> > www.macrollc.com
> >
> > howardc@m...
> > for service: service@m...
> >
> >
> > >>> gordokate@o... 06/09/02 07:56AM >>>
> > Gidday all,
> > My FT-100 has an intermittent external speaker socket. The
> > slightest touch of the plug brings audio back ok. I am using the
> > separation kit when in the car and also another speaker when at
> > home. They both exhibit the same problem so it must be the socket.
> >
> > Any Ideas
> >
> > Regards
> > Gordon VK4VP
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/

# 14811. Additional 2001 S10 Photos

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 02:28:42 UTC
From: ng3f
Topic: 14811  Message: 14811

I've added some close up photos of how I mounted my ATAS-100 to the bumper of my S10. Again, these are parts used from a Kenwood VP1 bumper mount. Couldn't use the strap on the new vehicle !!!

I also added some pics showing how I routed the power lead from the engine compartment through the driver's side fender wall and into the cab of the pickup. I couldn't find and feed through groments or a good place to drill through the firewall. The S10 just has too much crammed into a small space. The leads are protected from rubbing against the metal by plastic cable raps. Also, I did not go directly to the battery, but connected the positive lead to the + side of the fuse/relay box under the hood on the driver's side, and I attached the negative lead to a gnd lug on the firewall that was already there and handy. Plus there is a 25amp auto fuse in each lead.

Chris, NG3F
Hummels Wharf, PA

# 14812. Off Topic, But What The Hey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 05:23:19 UTC
From: w6mdk
Topic: 14812  Message: 14812

Can any of you give me some advice as to what the best (in your opinion) computerized log program is? I am running Windows ME.

I appreciate all opinions.

73,

Mike
W6MDK

# 14813. Re: FT100 vs IC706 comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 05:56:55 UTC
From: radiotube321
Topic: 14803  Message: 14813

Well, if you want the simple rundown, here is my opinion:

1. The ICOM is easier to use/see and probably more durable. The icom probably has better sensitivity on the receiver, however.
2. The Yaesu is smaller, has more advanced features, better receiver, better DSP.

The Yaesu also costs less.

So if you have poor eye sight, want a simpler radio, or are really going to abuse this thing, you might want the Icom. Other than that, I think the Yaesu is the way to go.

# 14814. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 06:09:07 UTC
From: lee810
Topic: 14812  Message: 14814

--- In FT100@y..., "w6mdk" <W6MDK@A...> wrote:
> Can any of you give me some advice as to what the best (in your
> opinion) computerized log program is? I am running Windows ME.

What the hey? I hate to be a jerk, but here goes...

OT postings are not supposed to happen on this newsgroup because it's for the purpose of discussing the FT100, not general ham topics like the one posted above.

It's very tempting when you have the attention of 1900+ intelligent and helpful hams at your disposal to bring up any topic that pops into your head. However, if everyone did that, the group would quickly lose focus and people will start complaining. OT postings are a lot like flaming. Once you get them started, it's hard to put them to rest.

If you want to slip a topic like this under the radar, you must find a way to make it relevant to the FT100, such as, "Which Logging programs work best with the FT100?" Otherwise, we can get into a long discussion about a topic that is completely irrelevant to the FT100.

I investigated logging programs a few years ago and found LogEQF to be the best for my needs and it supports the FT100. However, you'll find that people become just as partial to their favorite logging programs as they do to their favorite rigs, so if you ask 5 different hams, you could get 5 different answers and you won't be any closer to a solution than when you started. Most of these programs have demo versions that you can try before you buy so you might want to go that route. The FAQ contains a list of logging programs that work with the FT100.

FMI see: http://k0lee.com/ft100faq.html#cat

73,

Lee Devlin, K0LEE

# 14815. Re: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 07:44:14 UTC
From: W6MDK@AOL.COM
Topic: 14812  Message: 14815

While I appreciate the "answer" to my questions, I most certainly do NOT appreciate the pedantic, lecturish, holier-than-thou portion of your response. A topic will be drawn into the nether regions only if there is a generalized tendency for that to happen, like when the thread becomes incredibly boring for the bulk of the people reading it.

I have seen a number of supposedly off-topic questions asked which ended up being quite informative and of great value, even though the topic did not match the name of the group.

If you wish to make a statement such as you made, at least do the rest of the good people on this reflector the courtesy of starting out your tome with a statement that the following is your opinion, for that is surely all it is.

I've been around ham radio long wnoug (42 years) to appreciate the serendipitous results that can find their way into the light from a seemingly irrelevant coooments.

So the bottom line is this. I think most of us would appreciate a decent "off-topic" question now and again rather than some of the empty-headed, inane questions with obvious answers that we see all too frequently. And I don't mean to discourage even those questions, because, in reality, the only stupid question is the one that doesn't get asked.

You have a really great tool to prevent the misuse of your time by questions like mine. Don't read them.

What I posted was not obscene. It was not political. It was not social. It was not religious. It was relevant to Ham radio. It was wriiten with reasonable grammar, style and vocabulary. I will continue tof eel free to make such postings when the muse strikes me in spite of your attempts to narrow the communicatin down in the avoidance of what I would term "sub-topics".

Tell you what I'll do. When I intend to post a question that I think might offend you, I'll preface it with, " The followoing question is NOT for K0LEE". Then you'll know its going to irritate you if you read it, and,therefore, you do so at your own risk.

The first amendment does not go so far as to permit an individual to yell, "FIRE!" in a crowded theater that is not, in fact, on fire. Short of that, its pretty broad. Don't tread on it.

My question to the rest of you remains.

73,

Mike
W6MDK
cum WB4HLJ
cum WA2POC
cum WV2POC

[Non-text portions of this message have been removed]

# 14816. FT-100D EU price

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 11:13:18 UTC
From: Zoltan Bordas
Topic: 14803  Message: 14816

Hello,

I am new to this list, but it seems to be very useful... for a
FT-100-beginner like me also.
Can somebody inform me about the lowest prices in Europe (Italy, Austria,
Germany,...) for the FT-100D?

If somebody bought one in the last 1...2 months what are the manufacture
year / serial number?

Thanks in advance!

73 de Zoli / YO5CRQ

# 14817. RE: [FT100] No! The FT-100 is ok for MARS use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 11:41:11 UTC
From: Eric van de Weyer
Topic: 14796  Message: 14817

Hi folks,

well, the last MARS station I saw on a US Navy vessel was all HAM gear. No commercial gear for use on MARS just the normal gear. I can't remember whether it was Yaesu, Kenwood or Icom but it was one of the three.

73....Eric VK2KUR

-----Original Message-----
From: J Craswell [mailto:jay@...]
Sent: Thursday, 20 June 2002 23:09
To: FT100@yahoogroups.com
Subject: [FT100] No! The FT-100 is ok for MARS use

I noted a message saying the FT-100 is not Legit for MARS use. This is incorrect! Army MARS is not required to follow NTIA regs nor (According to my chief) will need to do so in the near future. Army MARS stations working on Shares or FEMA channels do need to be NTIA approved but that is a different story. Now perhaps the USAF and Navy Marine Corp boys have a different program going that I don't know about?

The FT-100 is NOT approved for CAP use at this time.
The CAP NTIA approved list currently does not include the FT-100 or FT-100D for HF use since it's OSC stability is (I believe) 1 PPM and the current regs are .677 (or is it .667?) in any event "IF" you had a higher spec osc unit (As they provide for the FT-817) it would be "ok" for HF use. Since there is not 3rd party unit at this time that meets this spec it's no soap. The VHF side of the radio does not meet Recv specs. i.e. it is not "solid" enough from interference from nearby stations to be NTIA approved for (so called) wideband mode. It flunks Narrow (I would say Narrower Band) mode also.

Too bad - because it is a hell of a rig!

73 de Jay Craswell W0VNE
aka Deputy State Director MN Army MARS
aka Wing Engineer MN CAP

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
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FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14818. Re: [FT100] Re: No! The FT-100 is ok for MARS use

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 12:08:29 UTC
From: Paul Manuel
Topic: 14796  Message: 14818

--- backhoefade <cgarner@...> wrote:
> The transmitter gets an A grade in terms of performance whenever the
spurious osc is not present (especially with the mic mod by Richy N2ZD)

Yesterday I QSO'ed mobile with a station about 700 miles from me. He was running an IC-746 with a Gold Line mic and W2IHY eq run straight into the modulator. (One of those hi-fi guys.) I asked him to describe my audio, and he said it was "clear, clean, and nice and punchy."
I am noting this because I have been one of the disappointed ones as far as transmit audio in the FT 100. After the mic mod and other tweaking in the menu (and getting the RF out of my audio,) I am now happy!
73,
Paul K4PDM

_____
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http://fifaworldcup.yahoo.com

# 14819. RE: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 12:10:53 UTC
From: Eric van de Weyer
Topic: 14812  Message: 14819

Now Mike, what would you think if the message had come from the owner of this list? Because that's just what it did!

73....Eric VK2KUR
-----Original Message-----
From: W6MDK@... [mailto:W6MDK@...]
Sent: Friday, 21 June 2002 17:44
To: FT100@yahoogroups.com
Subject: Re: [FT100] Re: Off Topic, but don't follow up!

While I appreciate the "answer" to my questions, I most certainly do NOT appreciate the pedantic, lecturish, holier-than-thou portion of your response. A topic will be drawn into the nether regions only if there is a
generalized tendency for that to happen, like when the thread becomes incredibly boring for the bulk of the people reading it.

I have seen a number of supposedly off-topic questions asked which ended up
being quite informative and of great value, even though the topic did not match the name of the group.

If you wish to make a statement such as you made, at least do the rest of the
good people on this reflector the courtesy of starting out your tome with a
statement that the following is your opinion, for that is surely all it is.

I've been around ham radio long wnoug (42 years) to appreciate the serendipitous results that can find their way into the light from a seemingly
irrelevant coooments.

So the bottom line is this. I think most of us would appreciate a decent "off-topic" question now and again rather than some of the empty-headed, inane questions with obvious answers that we see all too frequently. And I
don't mean to discourage even those questions, because, in reality, the only
stupid question is the one that doesn't get asked.

You have a really great tool to prevent the misuse of your time by questions
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reasonable grammar, style and vocabulary. I will continue tof eel free to
make such postings when the muse strikes me in spite of your attempts to
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"sub-topics".

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offend you, I'll preface it with, " The followoing question is NOT for
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and,therefore, you do so at your own risk.

The first amendment does not go so far as to permit an individual to yell,
"FIRE!" in a crowded theater that is not, in fact, on fire. Short of
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My question to the rest of you remains.

73,

Mike
W6MDK
cum WB4HLJ
cum WA2POC
cum WV2POC

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14820. Re: FT-100D EU price

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 12:41:05 UTC
From: robashman6178
Topic: 14803  Message: 14820

Hi
Just getting a ft100d tomorrow from martin lynch and sons
www.mlands.co.uk for £849 inc vat or 1383.87 euros, give them a buzz
they are VERY helpfull and aftersales service is GREAT.
HOPE THIS HELPS
73s
Rob M3RJA
--- In FT100@y..., "Zoltan Bordas" <borzol@s...> wrote:
> Hello,
>
> I am new to this list, but it seems to be very useful... for a
> FT-100-beginner like me also.
> Can somebody inform me about the lowest prices in Europe (Italy,
Austria,
> Germany,...) for the FT-100D?
>
> If somebody bought one in the last 1...2 months what are the
manufacture
> year / serial number?
>
> Thanks in advance!
>
> 73 de Zoli / YO5CRQ

# 14821. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 13:33:34 UTC
From: ft100guy
Topic: 14812  Message: 14821

I dont think Lee was being out of line with his answer, it is best to keep things FT100 related here due to the group size. Like he said, formulate the question in relation to the FT100 like:

1. "I have a 1600 square foot house, I am looking to cool my base FT100 down to prevent final overheating, what size a/c unit should I get."

It skirts the OT designation as it gets the message across without being off topic. Anyway, I dont use logging programs, just paper :-) but I am sure someone out there will help you get one that will fit your needs and work with the FT100. Good luck Richy N2ZD

--- In FT100@y..., W6MDK@A... wrote:
> While I appreciate the "answer" to my questions, I most certainly do NOT
> appreciate the pedantic, lecturish, holier-than-thou portion of your
> response. A topic will be drawn into the nether regions only if there is a
> generalized tendency for that to happen, like when the thread becomes
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>
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> irrelevant coooments.
>
> So the bottom line is this. I think most of us would appreciate a decent
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> inane questions with obvious answers that we see all too
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> don't mean to discourage even those questions, because, in reality,
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> stupid question is the one that doesn't get asked.
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> You have a really great tool to prevent the misuse of your time by
questions
> like mine. Don't read them.
>
> What I posted was not obscene. It was not political. It was not
social. It
> was not religious. It was relevant to Ham radio. It was wriiten
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> reasonable grammar, style and vocabulary. I will continue tof eel
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attempts to
> narrow the communicatin down in the avoidance of what I would term
> "sub-topics".
>
> Tell you what I'll do. When I intend to post a question that I
think might
> offend you, I'll preface it with, " The followoing question is NOT
for
> K0LEE". Then you'll know its going to irritate you if you read it,
> and,therefore, you do so at your own risk.
>
> The first amendment does not go so far as to permit an individual
to yell,
> "FIRE!" in a crowded theater that is not, in fact, on fire. Short
of that,
> its pretty broad. Don't tread on it.
>
> My question to the rest of you remains.
>
> 73,
>
> Mike
> W6MDK
> cum WB4HLJ
> cum WA2POC
> cum WV2POC
>
>
> [Non-text portions of this message have been removed]

# 14822. Re: [FT100] Off Topic, But What The Hey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:10:46 UTC
From: Dick Thompson
Topic: 14812  Message: 14822

Hi Mike,

I have tried several and they are all pretty good. I decided to settle on Win-EQF by Tom Dandrea (n3eqf@...) and I've had no regrets to date. The program costs $59.95 but Tom is always available to answer e-mail questions, and the updates (which he provides on a regular basis) are free. The paid for version comes with Win-EQF Contest, a version that you can set up for any contests that you may get involved in. And if you have a problem with that, Tom is available for help.

You can download a full working version of the program at http://www.eqf-software.com/. After you enter 25 QSO's into the program a nagging screen comes up, but it doesn't shut down the program. Also, if you have questions about the program operating with Windows ME, I'm sure you will get a quick response from Tom if you drop him an e-mail. There are 2 versions of the program; Win-EQF (Windows Version) and Log-EQF (DOS Version, I believe). A friend of mine, KFØUR, Shel, here in Colorado Springs was a beta tester for the program. He uses the DOS version, but they both look the same, and the updates that Tom provides seem to lean towards the Windows version, but I may be wrong on that, since I only check for the Windows upgrades about once a month or so. The program also operates well with CAT support and I use it with my Yaesu FT-920. You can disable the CAT support and do the entries manually if you have another program running at the same time that uses the CAT controls.

I hope the information helps. Like I said, there are many nice programs out there and some of them are free. But when you get a freebie, you can't really expect any support if there is a problem.

Good luck in your quest for a logging program. I'd be interested in hearing what you finally end up with.

73,

Dick
WB0DUL@...

----- Original Message -----
From: w6mdk
To: FT100@yahoogroups.com
Sent: Thursday, June 20, 2002 11:23 PM
Subject: [FT100] Off Topic, But What The Hey

Can any of you give me some advice as to what the best (in your opinion) computerized log program is? I am running Windows ME.

I appreciate all opinions.

73,

Mike
W6MDK

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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14823. RE: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:14:38 UTC
From: Eric van de Weyer
Topic: 14812  Message: 14823

Of course the obvious answer to your example is "Do the fan mod!" Hi, Hi.
:-)
-----Original Message-----
From: ft100guy [mailto:ss409ss@...]
Sent: Friday, 21 June 2002 23:34
To: FT100@yahoogroups.com
Subject: [FT100] Re: Off Topic, but don't follow up!

I dont think Lee was being out of line with his answer, it is best
to keep things FT100 related here due to the group size. Like he
said, formulate the question in relation to the FT100 like:

1. "I have a 1600 square foot house, I am looking to cool my base
FT100 down to prevent final overheating, what size a/c unit should I
get."

It skirts the OT designation as it gets the message across without
being off topic. Anyway, I dont use logging programs, just paper :-)
but I am sure someone out there will help you get one that will fit
your needs and work with the FT100. Good luck Richy N2ZD

--- In FT100@y..., W6MDK@A... wrote:
> While I appreciate the "answer" to my questions, I most certainly
do NOT
> appreciate the pedantic, lecturish, holier-than-thou portion of
your
> response. A topic will be drawn into the nether regions only if
there is a
> generalized tendency for that to happen, like when the thread
becomes
> incredibly boring for the bulk of the people reading it.
>
> I have seen a number of supposedly off-topic questions asked which
ended up
> being quite informative and of great value, even though the topic
did not
> match the name of the group.
>
> If you wish to make a statement such as you made, at least do the
rest of the
> good people on this reflector the courtesy of starting out your
tome with a
> statement that the following is your opinion, for that is surely
all it is.
>
> I've been around ham radio long wnoug (42 years) to appreciate the

> serendipitous results that can find their way into the light from a
seemingly
> irrelevant coooments.
>
> So the bottom line is this. I think most of us would appreciate a
decent
> "off-topic" question now and again rather than some of the empty-
headed,
> inane questions with obvious answers that we see all too
frequently. And I
> don't mean to discourage even those questions, because, in reality,
the only
> stupid question is the one that doesn't get asked.
>
> You have a really great tool to prevent the misuse of your time by
questions
> like mine. Don't read them.
>
> What I posted was not obscene. It was not political. It was not
social. It
> was not religious. It was relevant to Ham radio. It was wriiten
with
> reasonable grammar, style and vocabulary. I will continue tof eel
free to
> make such postings when the muse strikes me in spite of your
attempts to
> narrow the communicatin down in the avoidance of what I would term
> "sub-topics".
>
> Tell you what I'll do. When I intend to post a question that I
think might
> offend you, I'll preface it with, " The followoing question is NOT
for
> K0LEE". Then you'll know its going to irritate you if you read it,
> and,therefore, you do so at your own risk.
>
> The first amendment does not go so far as to permit an individual
to yell,
> "FIRE!" in a crowded theater that is not, in fact, on fire. Short
of that,
> its pretty broad. Don't tread on it.
>
> My question to the rest of you remains.
>
> 73,
>
> Mike
> W6MDK
> cum WB4HLJ
> cum WA2POC

> cum WV2POC
>
>
> [Non-text portions of this message have been removed]

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Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14824. FT100 in a 85 300ZX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:21:54 UTC
From: Booker, Andy
Topic: 14824  Message: 14824

Anybody ever install a ham radio in an 85 300ZX?
Is the alternator powerful enough to handle the FT100?
Any input would be appreciated!
Thanks!
Andy

# 14825. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:46:16 UTC
From: lee810
Topic: 14812  Message: 14825

--- In FT100@y..., "Eric van de Weyer" <eric@v...> wrote:
> Now Mike, what would you think if the message had come from the owner of
> this list? Because that's just what it did!
>
> 73....Eric VK2KUR

I am not actually the owner of this list. I help James moderate it and I am the keeper of the FAQ. Being a moderator is not a fun job. It's hard to post a comment related to moderation without sounding "pedantic, lecturish, and holier-than-thou" as Mike puts it. I've also been accused of being a "stuffed shirt, spoiled sport, crybaby, and having no sense of humor". :-)

I understand how Mike feels. I've been moderated on mailing lists before and it can be quite annoying.

Each time I exercise the duties of a moderator, I accumulate a few new enemies. But without some moderation the list takes takes on a nastiness or lack of focus that drives people away. Check out the Usenet newsgroups if you want a taste of an unmoderated list. The noise level gets so out of control that it ceases to be an asset to its members.

So when a member says that he's going to take the list off topic and there's nothing that can be done about it, it sends the wrong message to other members who are abiding by the rules. This list is mostly unmoderated, but if a member attempts to flout the rules it can be done on an exception basis.

So, enough pedantic lecturing from me, let's return to the matter at hand, i.e., the FT100.

73,

Lee Devlin, K0LEE

# 14826. Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:52:41 UTC
From: Pres Waterman
Topic: 14812  Message: 14826

I dont think Lee was being out of line with his answer, it is best to keep things FT100 related here due to the group size. Like he said, formulate the question in relation to the FT100 like:

1. "I have a 1600 square foot house, I am looking to cool my base FT100 down to prevent final overheating, what size a/c unit should I get."

You should use geothermal cooling. Now let's discuss Utility Company politics. When the Utility Company arrives on your property, use your illegally modified FT-100 to talk them in. Because there is freedom of speech here, and you can use your FT-By-God-100 anywhere you damn please! Because you are a white, heterosexual, God-fearing, gun-owning, voting, male. And to do so would somehow keep bootleggers off the ham bands and on Public Service frequencies where they belong.

<wink-grin>

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14827. Re: FT100 vs IC706 comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:54:18 UTC
From: Bob Evans
Topic: 14803  Message: 14827

Chas,

I wish you would consider using terms other than "requires modifications" in your answers because your experience in that area is not really a "requirement" and it gives people the wrong impression about the design of the rig. I personally know 12 FT-100 owners and only 1 of them has gotten the SWR and Fan mod. Some of these have been in service for 2 years with no problems. Nobody I know has gotten the mic mod and they are all very pleased with the rig's audio. Your experience with your mag mount antenna leaves room for debate as to whether the rig really needed the SWR mod...it MAY have needed it, but the mag mount installation leaves room for blame as well.

Just to show you I'm balanced here, I did have a friend who got his brand new FT-100D that was DOA on semi-break-in CW. It worked perfectly on full break-in (and everything else), but went "key down" when transmitting in semi-break-in mode. It was very strange. Since he and I are primarily CW ops, that was a bad thing and he had to send it back to AES who gave him another unit that worked perfectly. Now he's happy and the rig runs great.

This probably won't influence you a bit, but readers of the reflector should hear about positive experiences as well.

Bob K5WA

>>The downside to the rig is that it requires two
>>modifications in order to kill an internal spurious oscillation and
>>in order to allow the fans to function properly during VHF/UHF
>>
>>73 N6AF Chas

# 14828. Re: [FT100] Digest Number 1272

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 14:57:08 UTC
From: Pres Waterman
Topic: 14828  Message: 14828

>
> Anybody ever install a ham radio in an 85 300ZX?
> Is the alternator powerful enough to handle the FT100?
> Any input would be appreciated!

The 100 takes 2A on receive/standby. Up to 20A on TX. I highly doubt any car that starts cannot handle that.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14829. Re: Off Topic, But What The Hey

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:05:21 UTC
From: Bob Evans
Topic: 14812  Message: 14829

Hi Mike,

Maybe not so far off topic because interfacing to the FT-100 is probably one of your considerations for choosing a logging program. You didn't say what your area of interest is but here is my thumbnail opinion of widely accepted logging programs.

WriteLog - Windows based and probably the best all around, do everything program.
TR Log - DOS based but fabulous for CW (primarily), SO2R (Single Op, Two Radio) contesting. (This is the one I use.)
CT - DOS or Windows, stable, easy to use and great for networking multiple stations.
NA - CT clone and not getting much support these days, but still good alternative.

All interface with the FT-100 but may require using the FT-1000 instruction set.

Good luck,
Bob K5WA

>>Message: 14
>> Date: Fri, 21 Jun 2002 05:23:19 -0000
>> From: "w6mdk" <W6MDK@...>
>>Subject: Off Topic, But What The Hey
>>
>>Can any of you give me some advice as to what the best (in your
>>opinion) computerized log program is? I am running Windows ME.
>>
>>I appreciate all opinions.
>>
>>73,
>>
>>Mike
>>W6MDK

# 14830. Re: FT100 vs IC706 comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:27:49 UTC
From: backhoefade
Topic: 14803  Message: 14830

Fair enough Bob - here's my positive input from that same post

"Here it is in a nutshell (well, actually in a neat compact cabinet). The FT-100D has the superior receiver in terms of front end overload, strong adjacent channel signal rejection, superior noise blanker performance, the ability to receive above 460 MHz and the inclusion of variable bandwidth DSP filtering in both CW (down to 60 Hz) and SSB operation. If you're a "receiver nut", also if you operate CW a lot, I strongly advise going the FT-100D route. It is an excellent receiver and the variable bandwidth DSP filtering is great for crowded CW conditions (and also for crowded SSB). The 706 doesn't have variable bandwidth DSP which to me is missing the whole point when it comes to DSP filtering."

How much better could I endorse and promote the FT-100D? The receiver is great! I'm super happy with my FT-100D. I'll modify my 'mod comment' to say that there is a certain percentage of them that need the mod to eliminate the spurious issue. In my case I had to have the spurious mod done since I was getting the oscillation when I operated on perfectly good, resonant, base antennas such as inverted vees and verticals on both 24 and 28 MHz. I will experiment with a heavy ground strap to try to tame the operation with the mag mount antenna, since I'm still sometimes seeing the SWR icon pop up and the power fold back with that mobile antenna, despite having had the Yaesu spurious mod done.

It's advisable to do the fan mod if you plan to operate VHF/UHF for long receive periods since the rig has a tendency to heat up without the mod and heat means shortened component lifetime, plus some people have reported loss of receiver sensitivity when it warms up too much.

73 Chas N6AF

--- In FT100@y..., "Bob Evans" <bevans@h...> wrote:
> Chas,
>
> I wish you would consider using terms other than "requires modifications" in
> your answers because your experience in that area is not really a
> "requirement" and it gives people the wrong impression about the design of
> the rig. I personally know 12 FT-100 owners and only 1 of them has gotten
> the SWR and Fan mod. Some of these have been in service for 2 years with no
> problems. Nobody I know has gotten the mic mod and they are all

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> pleased with the rig's audio. Your experience with your mag mount
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> leaves room for debate as to whether the rig really needed the SWR
mod...it
> MAY have needed it, but the mag mount installation leaves room for
blame as
> well.
>
> Just to show you I'm balanced here, I did have a friend who got his
brand
> new FT-100D that was DOA on semi-break-in CW. It worked perfectly
on full
> break-in (and everything else), but went "key down" when
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> semi-break-in mode. It was very strange. Since he and I are
primarily CW
> ops, that was a bad thing and he had to send it back to AES who
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> another unit that worked perfectly. Now he's happy and the rig
runs great.
>
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> hear about positive experiences as well.
>
> Bob K5WA
>
>
> >>The downside to the rig is that it requires two
> >>modifications in order to kill an internal spurious oscillation
and
> >>in order to allow the fans to function properly during VHF/UHF
> >>
> >>73 N6AF Chas

# 14831. Re: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:27:51 UTC
From: W6MDK@AOL.COM
Topic: 14812  Message: 14831

I would not really think any differently than I do. "Owner" is an odd term to use. No-one really "owns" the group, especially since it is on Yahoo, which the "owner" of the list certainly does not either own or control.

I am NOT an internet "anarchist" by any means. But I do not consider an "off-topic" question, if it is at least related to the reflector topic, to be an improper post, nor do I beleive that the "owner" of the list has an absolute right to control the content of the list, as long as the content is courteous, well stated, related to the main topic and not offensive to anyone.

If anyone can tell me, legitimately, what was offensive about my question, I will gladly take that particular sack of marbles and play elsewhere. If not, then exactly WHAT was the problem?

Have I missed something about all the other "off topic" questions that have been asked on these various reflectors?

Let me take it one step further. All the questions concerning RFI and antennas (specifically the ATAS-100) could, if you want to stretch it, be considered "off topic" as the ATAS-100, although useable with the FT-100D, is NOT the FT-100D. It is something to be used WITH the FT-100D. QUestions about mounting ATAS-100s on Fords, Chevys and bicycles are distinctly no more FT-100D related than is one about a logging program for use with that rig. So is a logging program. So are microphones other than those which Yaesu ships with the FT-100D.

My points are, simply, that:

1. The question was not "off-topic". It was off subject, but related, as it involves the operation of the station which includes the FT-100D.

2. The forum is not OWNED. it is moderated.

3. My question should not, by any stretch of the imagination, have offended anyone, unless that person was looking to be offended.

73,

Mike

# 14832. Re: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:29:42 UTC
From: W6MDK@AOL.COM
Topic: 14812  Message: 14832

That's the best answer I've seen so far. I did the fan mod, but I can't figure pout how to use it with Windows ME!

# 14833. Re: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:32:02 UTC
From: W6MDK@AOL.COM
Topic: 14812  Message: 14833

You have not created an enemy. I am not as petty as that. You have created a discussion which, considering all of the similar posts on this forum, I consider to be refreshing, at least up to this point. Let's see now where it goes.

73,

Mike.

# 14834. FT100 SWR mod Tents

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 15:41:55 UTC
From: lhlousek
Topic: 14834  Message: 14834

Hi Robin,

Saw your post on the FT100 reflector and photos on your web site. Nice web site BTW!

The tents in your FT100 look like they'd be easy to duplicate. I have adhesive backed copper tape that looks exactly
like what was used in your radio. From your photos appears that the tents were formed by applying the tape over a thin
insulating sheet of cardboard like material. Is this true?

The tent over the three little vertical boards appears to be electrically connected to the low shield toward the middle
of the radio. Is it connected anywhere else?

The tent over the relay looks to be electrically connected to the shield of the coax connector right next to it. Is
that the only place of connection?

Lou W7DZN

# 14836. Re: AT-11MP and W4RT OTT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 16:42:55 UTC
From: w1pa
Topic: 14807  Message: 14836

>
> The AT-11MP requires 12 volts DC and I was wondering if I could safely draw the 12 volts off the back of the Samlex Supply where I hook up the 100D? The FT-100D draws 22 amps at 100W and the supply is a 23 amp supply. LDG Electronics says that the AT-11MP needs at least 0.5 amps. So, my calculations tell me that I may be pushing the envelope but should be OK.
>

Dick,

You're probably ok. The One Touch activates the rig to 10w (I believe) for tuning, so you really aren't running the rig at full power _and_ tuning at the same time. The tuner uses latching relays, which shouldn't draw much power once they have found a match. Which leads to your second question.

> The AT-11MP kind of "whirs and grinds" when it is tuning an antenna. Is this a normal sound? The tuner in my FT-920 is as quiet as a church mouse, thus the reason for my question

The AT-11 is using a dozen or so latching relays to swap in and out discrete L's and C's (it's really an L-C tuner, like a MFJ 16010 long wire tuner) at very high speed. You're hearing the relays which is perfectly normal.

I believe your 920 is using variable C's being driven by servo motors which obviously will be very quiet.

Enjoy, and let us know how the combination works out.

Bill
W1PA

# 14837. Mobile Antenna Mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 17:33:42 UTC
From: Ed_Meyer
Topic: 14837  Message: 14837

I've learned a great deal about mobile radio mounts from this group but I've not found anything thus far to help with mounting my inherited Hustler antennas on my 2001 F150 Supercrew...
I was originally going to punch holes in the left rear fender and use a "standard" ball mount but I think a bumper mount might (on the left corner of the bumper) be as good and less invasive. The bumper, however, has a rubber mat on top.
When looking at the Hustler BM-1 (on the Newtronics web site) I really haven't a clue as to how it attaches. I see a couple of "J" bolts but that is confusing....
I'll take a closer look at some mounts this weekend at Field Day but if someone has some experiance with bumper mounts, please share.
I also have not yet run the power leads to the battery (and thus have not installed the FT100D). I've always taken the easy route (with VHF/UHF installs) to the interior fuse block and that has been suffecient until now. Does anyone has specific, good, results in finding a gromet with room to spare in the 2001 F150 firewall?
Thanks to all for the Mod Info. I've done the Fan resistor mod and Mike mod and the FT100D already had the SWR mod factory installed (but with not as much sheilding as shown in some of the photos)...
73,
-Ed, WG5F-

# 14838. Hustler Bumper Mount

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:07:40 UTC
From: backhoefade
Topic: 14837  Message: 14838

I had a Hustler bumper-mounted ball type mount on my old college car, a 1968 VW Camper. (Highly relevant is the fact that I just donated it to the Church of Uganda Children's Hospital leaving me wondering if perhaps some day my wife and I, during a post retirement world trek, might happen upon the thing, sans wheels, sitting amongst the giraffe and lions with a red cross painted on its side. Of course the reality is that they fix it up and sell it, or part it out, and give the money to the church).

As I remember it the bumper mount was attached using some stainless steel straps and U-bolt clamps that grab the top and bottom edges of the bumper. After taking the slack out of the straps you then tighten the nuts on the U-bolts to secure it. I used several Hustler whips with it; even a 108 inch whip with no trouble. It's pretty solid once you tighten it down well and worst case all it does is leave some small grooves in the bumper. It's worth a try. My Honda Prelude is not antenna friendly. Like many imports it lacks the solid metal bumper of a pickup and the body metal is so thin you don't dare mount a wind loaded antenna onto it even if you don't mind making the hole. That's why I've been trying to make this mag mount work, but it looks like I need to add a solid ground to the base.
N6AF Chas

--- In FT100@y..., "Ed_Meyer" <yahoomail@m...> wrote:
> I've learned a great deal about mobile radio mounts from this group
> but I've not found anything thus far to help with mounting my
> inherited Hustler antennas on my 2001 F150 Supercrew...
> I was originally going to punch holes in the left rear fender and
use
> a "standard" ball mount but I think a bumper mount might (on the
left
> corner of the bumper) be as good and less invasive. The bumper,
> however, has a rubber mat on top.
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> VHF/UHF installs) to the interior fuse block and that has been
> suffecient until now. Does anyone has specific, good, results in
> finding a gromet with room to spare in the 2001 F150 firewall?

> Thanks to all for the Mod Info. I've done the Fan resistor mod and
> Mike mod and the FT100D already had the SWR mod factory installed
> (but with not as much sheilding as shown in some of the photos)...
> 73,
> -Ed, WG5F-

# 14839. FT-100D is back

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:10:16 UTC
From: Markus.Homma@t-online.de
Topic: 14839  Message: 14839

Hi group,

my FT-100D is back. :-)
I sent it in because of the DCS Signal Level but the technican
told me that the level is proper set.
He also checked two other new FT-100D's and the level is the same.
Ok...so i will live with the "high" dcs level....;-)

Last weekend i put the FT-100D with the FC-20 at my FD-4 windom.
I was sitting in the garden it was a beautiful day and i tuned on 40m.
All was ok....
Then i switched off the tuner to see how the swr is and transmitted with
full power in FM.
After i released the ptt the received signals were gone.
It sounds like a 60db att were engaged ;-)
Also no output on SSB...FM and AM transmission was ok....
So i decided to switch off the unit.
After power on all was ok. (Thank god!)

So i think and i hope it was only a problem of RFI and that maybe a relay
hung.
Tomorrow i will try it again...
Anybody had the same problem?

vy 73's
Markus
DL1EIO

[Non-text portions of this message have been removed]

# 14840. Re: [FT100] Mobile Antenna Mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:15:43 UTC
From: n4aiw@aol.com
Topic: 14837  Message: 14840

i went by wd4bum booth at the atlanta hamfest, always do, he has a lot of different
mounts even one that mounts in the stake hole of your truck,might want to give him
a try. www.hamstick .com

# 14841. Re: AT-11MP and W4RT OTT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:44:26 UTC
From: k8mam2000
Topic: 14807  Message: 14841

```
--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
>
> >
> > The AT-11MP requires 12 volts DC and I was wondering if I could
> safely draw the 12 volts off the back of the Samlex Supply where I
> hook up the 100D? The FT-100D draws 22 amps at 100W and the supply
> is a 23 amp supply. LDG Electronics says that the AT-11MP needs at
> least 0.5 amps. So, my calculations tell me that I may be pushing
the
> envelope but should be OK.
> >
>
>
> Dick,
>
> You're probably ok. The One Touch activates the rig to 10w (I
believe)
> for tuning, so you really aren't running the rig at full power
_and_
> tuning at the same time. The tuner uses latching relays, which
> shouldn't draw much power once they have found a match. Which leads
> to your second question.
>
> > The AT-11MP kind of "whirs and grinds" when it is tuning an
> antenna. Is this a normal sound? The tuner in my FT-920 is as
quiet
> as a church mouse, thus the reason for my question
>
> The AT-11 is using a dozen or so latching relays to swap in and out
> discrete L's and C's (it's really an L-C tuner, like a MFJ 16010
long
> wire tuner) at very high speed. You're hearing the relays which is
> perfectly normal.
>
> I believe your 920 is using variable C's being driven by servo
motors
> which obviously will be very quiet.
>
> Enjoy, and let us know how the combination works out.
>
> Bill
> W1PA

Been using the FT100D with LDG-11MP powered from Astron SS-25M
Switching PS and W4RT one button tune mod. Works very well. You get
```

used to the relay noise! Sounds like a bunch of marbles rolling around a tin can. Adds a distinctive touch to your ham shack.
Dave
K8MAM

# 14842. 2002 GMC Sonoma

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:46:03 UTC
From: dudarro
Topic: 14842  Message: 14842

hey all,
i just uploaded a couple pics of my latest mobile antenna install.
it's really just the mount, the antenna isn't in the picture, yet.
a friend had a digital camera and emailed me these pics of my truck.
once i get the kinks worked out, i'll upload the actual pics of my
install.
73's and good luck for field day!
look for us, we'll be w4nc, we'll be on CW and SSB on everything from
80m to 0.70m !

# 14843. Re: [FT100] Re: AT-11MP and W4RT OTT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 18:59:17 UTC
From: Dick Thompson
Topic: 14807  Message: 14843

Thanks, dave. That's the best description of the noise I've heard. I sent off an e-mail to LDG and they said that tapping off the Samlex PS would be the best way to go if I were going to use the tuner in an RV, which I will be doing.

73,

Dick
WB0DUL@...
----- Original Message -----
From: k8mam2000
To: FT100@yahoogroups.com
Sent: Friday, June 21, 2002 12:44 PM
Subject: [FT100] Re: AT-11MP and W4RT OTT-100D

--- In FT100@y..., "w1pa" <w1pa@h...> wrote:
>
> >
> > The AT-11MP requires 12 volts DC and I was wondering if I could
> safely draw the 12 volts off the back of the Samlex Supply where I
> hook up the 100D? The FT-100D draws 22 amps at 100W and the supply
> is a 23 amp supply. LDG Electronics says that the AT-11MP needs at
> least 0.5 amps. So, my calculations tell me that I may be pushing
the
> envelope but should be OK.
> >
>
>
> Dick,
>
> You're probably ok. The One Touch activates the rig to 10w (I
believe)
> for tuning, so you really aren't running the rig at full power
_and_
> tuning at the same time. The tuner uses latching relays, which
> shouldn't draw much power once they have found a match. Which leads
> to your second question.
>
> > The AT-11MP kind of "whirs and grinds" when it is tuning an
> antenna. Is this a normal sound? The tuner in my FT-920 is as
quiet
> as a church mouse, thus the reason for my question
>
> The AT-11 is using a dozen or so latching relays to swap in and out
> discrete L's and C's (it's really an L-C tuner, like a MFJ 16010
long
> wire tuner) at very high speed. You're hearing the relays which is

> perfectly normal.
>
> I believe your 920 is using variable C's being driven by servo
motors
> which obviously will be very quiet.
>
> Enjoy, and let us know how the combination works out.
>
> Bill
> W1PA

Been using the FT100D with LDG-11MP powered from Astron SS-25M
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Dave
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[Non-text portions of this message have been removed]

# 14844. Re: [FT100] Re: AT-11MP and W4RT OTT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 19:10:28 UTC
From: Dick Thompson
Topic: 14807  Message: 14844

Thanks, Bill. I was concerned that the power was not being cut back when I hit the OTT switch. I guess it is, even though I get an indication that it's at full power. The first time I used the OTT-100D I was surprised that the 100D went into AM mode as opposed to CW mode to produce a carrier for tuning. Maybe that's the secret. As long as I get the carrier that is needed for tuning, I guess the mode it does it in is realy a moot point.

Appreciate your response. I was off the air (except for VHF/UHF) and all these new toys for tuning can be mind boggling. My xyl looked at my shack the other day and asked if I was close to being done buying things. I didn't say no, but I told her I was slowing down. Hi Hi.

73,

Dick
WB0DUL@...
----- Original Message -----
From: w1pa
To: FT100@yahoogroups.com
Sent: Friday, June 21, 2002 10:42 AM
Subject: [FT100] Re: AT-11MP and W4RT OTT-100D

>
> The AT-11MP requires 12 volts DC and I was wondering if I could safely draw the 12 volts off the back of the Samlex Supply where I hook up the 100D? The FT-100D draws 22 amps at 100W and the supply is a 23 amp supply. LDG Electronics says that the AT-11MP needs at least 0.5 amps. So, my calculations tell me that I may be pushing the envelope but should be OK.
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Dick,

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which obviously will be very quiet.

Enjoy, and let us know how the combination works out.

Bill
W1PA

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[Non-text portions of this message have been removed]

# 14845. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 19:21:15 UTC
From: ft100guy
Topic: 14812  Message: 14845

--- In FT100@y..., "Eric van de Weyer" <eric@v...> wrote:
> Of course the obvious answer to your example is "Do the fan mod!"
Hi, Hi.
> :-)

LOL :-p

Regards.. Richy N2ZD

# 14846. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 19:23:41 UTC
From: ft100guy
Topic: 14812  Message: 14846

> I am not actually the owner of this list. I help James moderate it
> and I am the keeper of the FAQ. Being a moderator is not a fun
job.
> It's hard to post a comment related to moderation without
> sounding "pedantic, lecturish, and holier-than-thou" as Mike puts
> it. I've also been accused of being a "stuffed shirt, spoiled
sport,
> crybaby, and having no sense of humor". :-)
>

"Stuffed shirt" was mine.. ;-) Regards, Richy N2ZD

I will now cease to comment further on the topic..

# 14847. Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 19:35:54 UTC
From: ft100guy
Topic: 14812  Message: 14847

--- In FT100@y..., W6MDK@A... wrote:
> If anyone can tell me, legitimately, what was offensive about my question, I
> will gladly take that particular sack of marbles and play elsewhere. If not,
> then exactly WHAT was the problem?
>
> Have I missed something about all the other "off topic" questions that have
> been asked on these various reflectors?
>

Mike,

There was nothing wrong with the question at all, just the way it has been phrased, you risk stirring up a few here that only chime in with their superfluous email stories and complaints. Then they go back into the wood work for a few months only to complain again about some excess email in the future, in essence they want you the user to manage their email for them.
If you noticed approx 50 people or so actually contribute anything here, thats ok but a group with about 2k members will generate lots of email. Then the complaints start from the "silent" and Lee has to act. I have been in the same boat my friend. But my approach would be to ask that those who need to keep their mailboxes lean and trim simply log onto the site to peruse the offerings. I dont think Lee was asking you to pose your question elsewhere, he was simply asking that you keep it in line with the FT100. Richy N2ZD

# 14848. Re: [FT100] Re: Off Topic, but don't follow up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 20:14:50 UTC
From: W6MDK@AOL.COM
Topic: 14812  Message: 14848

Richy,

Good response. Its interesting that my biggest detractor is not the moderator. It is another individual who has chosen to take offense at either the topic itself or some of the things I said. It really doesn't matter, since no real offenses have been committed by anyone that I can see, and if someone wants to be offended easily, he is free to do so. Makes me wonder what offenses he feels he has, himself, committed.

By the way, have you noticed how many posts on the "FT100" forum are about antennas and mounts only, with nothing to do with the FT100? Obviously, my mistake was in acknowledging at the outset that my question was not directly related to the FT100. Obviously, the subject line is more important to some people than is the content of the post itself. So be it for forthrightness, eh?

I wonder if there really are as many as 50 substantive posters to this forum. I actually think its fewer, although all posts have the potential of providing some piece of information that will be of value to one or more of the readers, and that, after all, is what this whole thing is for. It is not for complainers to complain. Its for hams to glean valuable, helpful information aimed at making the hobby more productive and enjoyable.

You, my friend, are a prime provider of that valuable information, especially for us old timers who have been away from radio for some years, and I thank you for the care and thought you put into your posts.

You are, in my opinion, an asset to amateur radio, a sport that can badly use all the people assets it can find.

73,

Mike

# 14849. Re: FT100 in a 85 300ZX

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 20:39:43 UTC
From: jondickason
Topic: 14824  Message: 14849

Andy, my FT100 works fine in my Suzuki with it's 4 cyl., 1.8l, 120hp engine. I haven't run it long without the engine running. I don't notice lights dimming or anything while transmitting. Your car probably has at least twice as much power as mine.

JD

--- In FT100@y..., "Booker, Andy" <andy.booker@c...> wrote:
> Anybody ever install a ham radio in an 85 300ZX?
> Is the alternator powerful enough to handle the FT100?
> Any input would be appreciated!
> Thanks!
> Andy

# 14850. RE: [FT100] Re: Chevy Blazer FT-100 installation

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-21 22:34:56 UTC
From: Robert J. Curci
Topic: 14795  Message: 14850

Chris,

I just uploaded some installation pictures to the photo gallery. There's one where I passed the wires through the firewall (it wasn't easy). And some of my antenna installation.

73 de Bob
n2xr
-----Original Message-----
From: ng3f [mailto:ng3f@...]
Sent: Thursday, June 20, 2002 5:33 PM
To: FT100@yahoogroups.com
Subject: [FT100] Re: Chevy Blazer FT-100 installation

--- In FT100@y..., "k8mam2000" <k8mam@c...> wrote:
> Where is the best place to run 12v power and ground through the
> firewall on a Blazer? Any existing cable pass-through? Any
> suggestions would be appreciated. Thanks.

In my 2001 Chevy S10 I could not find a good pass-through in the firewall. Too much stuff crammed into a small place.
On the S10, with the hood up and driver's door open, I found a hole in the driver's side fender that I could pass wires through and it came out at the door frame about 1/2 way up the door. I did not run the power cables all the way to the battering, but connected the positive lead to the + side of the fuse/breaker/relay box in the engine compartment and the gnd lead to a ground lug on the firewall. Fuses in each line. I then ran the power cord through the holes mentioned above and covered them with wire/cable covers that just slipped over them. The covers protect the cables from rubbing on the metal. The power cables then come in to the cab at the front/bottom of the door frame, get tucked under the plastic door jam, and then to the radio w/any exposed wire covered with more cable/wire covers. I put a small wire tie on the power cables just before they enter the door jam as a water drip point.

I'll get some pics and post them with the other pics of my installation in the photos/mobile installations section.
Hopes this helps or at least gives you some ideas of where to look.

73's
Chris, NG3F

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[Non-text portions of this message have been removed]

# 14851. Concerning My RFI Problem (With My FT100D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-22 01:17:20 UTC
From: w6mdk
Topic: 14851  Message: 14851

I was able to mitigate the problem to a small extent by cranking up the value of the noise blanker. It is far from an ideal solution, but some of the major pulse noise has decreased, amaking it a bit easier to read the signals.

If anyone else is having the same problem, try cranking the the NB setting up to about 12.

73,

Mike

# 14852. Getting boring - fire it up!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-22 04:10:08 UTC
From: backhoefade
Topic: 14852  Message: 14852

Although we all prefer to spend our free time often playing with the FT-100(D) there are times when we just want to relax and gab on this FT-100 website. I stopped in a few times over the last few days and sure was disappointed to see the discussions grinding down to a genuine "thermal death" level (pure randomness without possibility of energy transfer or conversion); a paucity of tech content and a pile of swipes at each other about the lack of relevance or substance in recent postings in our community. I think I was among the accused for providing empty, simple minded, comments about bumper mounted antennas. Fair enough! Let's get things going again then and let the ultra sharp technical critics have something more interesting to chew on.
Try postings 12769 regarding receiver design; S meter info in post 14701 including referenced Excel spreadsheet info, and AM operating info for the FT-100(D) in post 10277 for starters. A little antenna discussion never hurts either.

73 N6AF Chas

# 14853. AW: [FT100] FT-100D EU price

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-22 19:05:14 UTC
From: 35IR184/35SD184/35LD184
Topic: 14803  Message: 14853

Hello zoltan!

I bought mine two months ago in germany.
The price was 1440 Euros for the "d" model.
It is one of the latest production series, December 2001

I hope this helps you a bit!

73s de OE5CSP Chris

-----Ursprüngliche Nachricht-----
Von: Zoltan Bordas [mailto:borzol@....ro]
Gesendet: Freitag, 21. Juni 2002 13:13
An: FT100@yahoogroups.com
Betreff: [FT100] FT-100D EU price

Hello,

I am new to this list, but it seems to be very useful... for a
FT-100-beginner like me also.
Can somebody inform me about the lowest prices in Europe (Italy,
Austria,
Germany,...) for the FT-100D?

If somebody bought one in the last 1...2 months what are the manufacture
year / serial number?

Thanks in advance!

73 de Zoli / YO5CRQ

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# 14855. Fan Mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 10:58:24 UTC
From: Neville Mattick
Topic: 14855  Message: 14855

Living in a temperate to warm climate and having an obsession with
reliability, running equipment cool is one of my habits.

The original fans on my FT100 were noisy, rough in the sleeve bearings
and only on with TX.

A common part from repair wholesalers is the bearing version of this fan
in a 20mm deep body. The two I purchased for this job were 0.1A lower in
current demand.

To have them ticking over during RX I added a 47R 1w resistor as in the
fan mods along with a 1000uf 16v electrolytic in parallel to ensure the
fans started *every* time the rig was powered on.

Now it was a cool day here and I had a long qso over our local rep' with
VK2CA, no heat in the rig at all, good result.

The bearing fans are almost silent on receive and barely audible on TX.
Put a pic at:

http://groups.yahoo.com/group/FT100/files/Modifications/Fan%20Mod/FT100F%7E1.JPG

73 de Neville VK2QF, [ex: 4W/VK2QF].
6m DXCC #289.
URL http://winsoft.net.au/~vk2qf
6m Reflector http://groups.yahoo.com/group/Six-metre-DX
---
N.E. & L.A. Mattick.
Hargraves N.S.W. 2850
AUSTRALIA
UKSMG #1809 GL:QF47PF Loc: 149;18;30 EAST - 32;46;48 SOUTH
---

# 14856. homebrew rs232 converter , anyone done one ?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-22 01:09:15 UTC
From: n7bfs
Topic: 14856  Message: 14856

I would like to try and build my own level converter for my FT100d (ala maxim chip). Just wondering if anyone else has , or if there is a schematic available of the yaesu cat cable , so I can just duplicate it , I don't want to buy one right now as I have the chip and probably associated parts , just need to know which pins on the radio and if its just tx/rx and gnd on the rs232 side or if it uses any of the handshake lines ...

Any help would be appreicated .

Doug
N7BFS

# 14857. FT-100D Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 15:43:05 UTC
From: Ed Juge/NM
Topic: 14857  Message: 14857

Hi, all...

I'm new to this group. Been lurking for a week or two now.

I've been using an FT-900 in 3 cars over 8-9 years. Always had lots of noise. Present car is a 2000 Durango... S9 ignition noise, reduced to S7 by the 900's NB. A ClearSpeech DSP allowed some limited operation on SSB and even CW. Although this box is able to actually pull signals out of the noise and make them readable, there are still weaker signals not copyable. I have bonded hood/fenders/grill/firewall/exhaust/engine, to no avail. And it's all coming in on the antenna.

For a couple of weeks, I've been reading all I could find on the Net about ignition noise and noise blankers. Last week, I was in Burbank, CA. (My mountain village has no ham dealer.) I tried and bought a new FT-100D. Installed it yesterday. Without the blanker, noise level was S7-8. With the blanker... ZERO. Not a trace on the meter or by ear. M-A-G-I-C !!! Once in a great while, a faint trace of noise will try to ride in on a signal (SSB). The ClearSpeech kills it completely along with most other background noise. A signal of S3 or so now sounds like 2-meter FM.

I've been fighting motor noise for so long, just had to share this experience and, hopefully, provide it for others searching for a solution as I have been. I plan to be far more active on the bands from my car during 2X/month trips to airports 135 miles away. WOW... still can't believe it.

73.... Ed, W5EJ

From: ----------
Ed Juge
Ruidoso, New Mexico
email: ed@...
Phone: 505-258-1721
Cell: 505-430-7209
==========

[Non-text portions of this message have been removed]

# 14858. Re: [FT100] Sorry off topic but important for me... (Yaesu FT920FM versus FT847)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 15:55:48 UTC
From: Dick Thompson
Topic: 14858  Message: 14858

Hi Chris,

I have a Yaesu FT-920 and love it. I noticed that the FT-847 does not have VOX capability, but since I have not used the 847 to any great length, I feel that I shouldn't comment on any problems it may or may not have. I have a friend who has one and he likes it very much.

Good luck in your decision.

73,

Dick
WB0DUL@...

----- Original Message -----
From: 35IR184/35SD184/35LD184
To: 'FT100-Forum'
Sent: Sunday, June 23, 2002 1:44 AM
Subject: [FT100] Sorry off topic but important for me... (Yaesu FT920FM versus FT847)

Hi all FM´s!

As i am seriously thinking of completing my station with one of the
above radios, i like to hear some opinions of OM´s which have made some
experience with that radios.

I have seen all the commentaries on eham.net , but both get almost the
same points....

The radio will be used mainly on SW....(but 2m is also not bad..??!!!)

TNX for any comments!!!

73´s Chris OE5CSP

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# 14859. Re: [FT100] FT-100D Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 16:19:55 UTC
From: Dick Thompson
Topic: 14857  Message: 14859

That's a great story, Ed. It sure makes life easier when you finally get things working like they should. I'm not familiar with the 900, but is there a possibility that perhaps there is a problem with it, or do you think the noise blanker and DSP are just superior on the FT-100D?

I assume the Clear Speech you are referring to is the speaker that has been advertised in the magazines.

Thanks for sharing the story. It speaks highly for the FT-100D.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Ed Juge/NM
To: FT100@yahoogroups.com
Sent: Sunday, June 23, 2002 9:43 AM
Subject: [FT100] FT-100D Noise Blanker

Hi, all...

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73.... Ed, W5EJ

From: ----------
Ed Juge
Ruidoso, New Mexico
email: ed@...
Phone: 505-258-1721
Cell: 505-430-7209
==========

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14860. Re: [FT100] FT-100D Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 16:46:33 UTC
From: Ed Juge/NM
Topic: 14857  Message: 14860

Hi, Dick...

In my reading about ignition noise and blankers, I saw several comments about the 900's blanker being very poor. There is some kind of "fix" for that but I was never able to find the official Yaesu bulletin, or enough detail to feel comfortable with trying it.

Mine read S9 on noise w/o the blanker and S7 with it. The mod involved removing a surface-mount chip resistor and replacing it with either another SM or a small 1/8-watt resistor, the value of which needed to be hand picked for each individual radio. Apparently, there was nothing wrong with mine. Aside from the NB problem, the 900 was considered a classic by many and I'm told is still in high demand as a used radio.

The short answer is, the 100D is really that much better. And, it offers some audio DSP enhancements not available when the 900 was built. As an IC-756PRO owner, I was a little disappointed to see the DSP working at the audio level rather than IF... but it is still beneficial.

73... Ed, W5EJ

----- Original Message -----
From: "Dick Thompson" <wb0dul@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, June 23, 2002 10:19 AM
Subject: Re: [FT100] FT-100D Noise Blanker

> That's a great story, Ed. It sure makes life easier when you finally get things working like they should. I'm not familiar with the 900, but is there a possibility that perhaps there is a problem with it, or do you think the noise blanker and DSP are just superior on the FT-100D?
>
> I assume the Clear Speech you are referring to is the speaker that has been advertised in the magazines.
>
> Thanks for sharing the story. It speaks highly for the FT-100D.
>
> 73,
>
> Dick
> WB0DUL@...
>
>
> ----- Original Message -----
> From: Ed Juge/NM
> To: FT100@yahoogroups.com

> Sent: Sunday, June 23, 2002 9:43 AM
> Subject: [FT100] FT-100D Noise Blanker
>
>
> Hi, all...
>
> I'm new to this group. Been lurking for a week or two now.
>
> I've been using an FT-900 in 3 cars over 8-9 years. Always had lots of noise. Present car is a 2000 Durango... S9 ignition noise, reduced to S7 by the 900's NB. A ClearSpeech DSP allowed some limited operation on SSB and even CW. Although this box is able to actually pull signals out of the noise and make them readable, there are still weaker signals not copyable. I have bonded hood/fenders/grill/firewall/exhaust/engine, to no avail. And it's all coming in on the antenna..
>
> For a couple of weeks, I've been reading all I could find on the Net about ignition noise and noise blankers. Last week, I was in Burbank, CA. (My mountain village has no ham dealer.) I tried and bought a new FT-100D. Installed it yesterday. Without the blanker, noise level was S7-8. With the blanker... ZERO. Not a trace on the meter or by ear. M-A-G-I-C !!! Once in a great while, a faint trace of noise will try to ride in on a signal (SSB). The ClearSpeech kills it completely along with most other background noise. A signal of S3 or so now sounds like 2-meter FM.
>
> I've been fighting motor noise for so long, just had to share this experience and, hopefully, provide it for others searching for a solution as I have been. I plan to be far more active on the bands from my car during 2X/month trips to airports 135 miles away. WOW... still can't believe it.
>
> 73.... Ed, W5EJ
>
> From: ----------
> Ed Juge
> Ruidoso, New Mexico
> email: ed@...
> Phone: 505-258-1721
> Cell: 505-430-7209
> ==========
>
>
> [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
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> Post message: FT100@yahoogroups.com
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>
>

# 14861. Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 19:17:10 UTC
From: kb9yul
Topic: 14861  Message: 14861

Since I bought the FT-100, I was unable to use 75/80m band. When I press on the PTT button the display in the upper left corner showes OFF sign and there is no TX at all, like the freq. is out of the band range. Any sugjection will be helpfull.

Thanks
Jovan KB9K

# 14862. Re: [FT100] Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 19:39:44 UTC
From: W6MDK@AOL.COM
Topic: 14861  Message: 14862

If the setting for the ATAS-100 Antenna is either 1 or 2 the rig will not transmit on 80 Meters. The ATAS needs to be set to OFF. I believe it is Function # 61 that you need to check.

Good luck and 73,

Mike
W6MDK

# 14863. ATAS-100 on a boat

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 19:40:40 UTC
From: k8mam2000
Topic: 14863  Message: 14863

Has anyone installed an ATAS-100 on a boat? Thinking of installing on a forward bow rail. Not sure if will have enough ground plane. Any suggestions would be welcomed.

# 14864. Re: ATAS-100 on a boat

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 19:49:16 UTC
From: robashman6178
Topic: 14863  Message: 14864

Try the ATBK-100 base mount it will give you a greeater ground plane,
just make sure you seal th connections as salt spray will kill it in
no time at all
--- In FT100@y..., "k8mam2000" <k8mam@c...> wrote:
> Has anyone installed an ATAS-100 on a boat? Thinking of installing
on
> a forward bow rail. Not sure if will have enough ground plane. Any
> suggestions would be welcomed.

# 14865. Re: [FT100] FT-100D Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-23 20:30:14 UTC
From: Dick Thompson
Topic: 14857  Message: 14865

Well, the problem is solved and that's the main thing. I was going to consider buying an ATAS-100 antenna for my FT-100D and after reading about all the problems with tuning, grounding, etc., I decided just to use my hamsticks that I had. Well, while in Las Vegas a couple of weeks ago, I went over to AES and bought a new LDG AT-11MP Autotuner and a Samlex switching power supply. Both are really great and the tuner is fantastic.

Enjoy your 100D. The only mods I've made to mine are the mic mod and the fan mod. All else has been OK, so far. I'm hoping it continues that way.

73,

Dick
WB0DUL@...

----- Original Message -----
From: Ed Juge/NM
To: FT100@yahoogroups.com
Sent: Sunday, June 23, 2002 10:46 AM
Subject: Re: [FT100] FT-100D Noise Blanker

Hi, Dick...

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Mine read S9 on noise w/o the blanker and S7 with it. The mod involved removing a surface-mount chip resistor and replacing it with either another SM or a small 1/8-watt resistor, the value of which needed to be hand picked for each individual radio. Apparently, there was nothing wrong with mine. Aside from the NB problem, the 900 was considered a classic by many and I'm told is still in high demand as a used radio.

The short answer is, the 100D is really that much better. And, it offers some audio DSP enhancements not available when the 900 was built. As an IC-756PRO owner, I was a little disappointed to see the DSP working at the audio level rather than IF... but it is still beneficial.

73... Ed, W5EJ

----- Original Message -----
From: "Dick Thompson" <wb0dul@...>
To: <FT100@yahoogroups.com>
Sent: Sunday, June 23, 2002 10:19 AM
Subject: Re: [FT100] FT-100D Noise Blanker

> That's a great story, Ed. It sure makes life easier when you finally get
things working like they should. I'm not familiar with the 900, but is
there a possibility that perhaps there is a problem with it, or do you think
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been advertised in the magazines.
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> Dick
> WB0DUL@...
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> ----- Original Message -----
> From: Ed Juge/NM
> To: FT100@yahoogroups.com
> Sent: Sunday, June 23, 2002 9:43 AM
> Subject: [FT100] FT-100D Noise Blanker
>
>
> Hi, all...
>
> I'm new to this group. Been lurking for a week or two now.
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> I've been using an FT-900 in 3 cars over 8-9 years. Always had lots of
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even CW. Although this box is able to actually pull signals out of the
noise and make them readable, there are still weaker signals not copyable.
I have bonded hood/fenders/grill/firewall/exhaust/engine, to no avail. And
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(My mountain village has no ham dealer.) I tried and bought a new FT-100D.
Installed it yesterday. Without the blanker, noise level was S7-8. With
the blanker... ZERO. Not a trace on the meter or by ear. M-A-G-I-C !!!
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background noise. A signal of S3 or so now sounds like 2-meter FM.
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> I've been fighting motor noise for so long, just had to share this
experience and, hopefully, provide it for others searching for a solution as
I have been. I plan to be far more active on the bands from my car during
2X/month trips to airports 135 miles away. WOW... still can't believe it.
>
> 73.... Ed, W5EJ
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> From: ----------
> Ed Juge
> Ruidoso, New Mexico
> email: ed@...
> Phone: 505-258-1721
> Cell: 505-430-7209
> ==========
>
>
> [Non-text portions of this message have been removed]
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 14866. Re: [FT100] Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 02:26:16 UTC
From: w1po@aol.com
Topic: 14861  Message: 14866

Go into the program and turn the ATS to off! Simple mistake. I made it too....

Dan, W1PO

Dan Szymanowski

[Non-text portions of this message have been removed]

# 14867. Re: [FT100] FT-100D Noise Blanker

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 02:53:40 UTC
From: cherokeeguy777@aol.com
Topic: 14857  Message: 14867

Food for thought. Go to Radio Shack and get the 20 amp in-line noise filter.
It works real well too.

# 14868. FT100 Fan mod.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 09:55:57 UTC
From: vk2qf
Topic: 14868  Message: 14868

Hello FT100'ers, someone sent me a mail perhaps regards my post of the improved fans for the rig.

However this was inadvertantly deleted on my POP3 server.

My apologies!

Send again.

Perhaps I should mention the source might answer [from the email subject], here in Australia they are common for PC wholesalers, or in my case Wagner Electronic Services.

TITAN brand, FAN402032 BALL BEARING [1]. 0.07A 40mm Square, 20mm Deep.

73 de Nev VK2QF [ex: 4W/VK2QF].

# 14869. Re: [FT100] Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 11:21:41 UTC
From: albert
Topic: 14861  Message: 14869

dose the ATAS-100 work on 75/80 meters?
----- Original Message -----
From: W6MDK@...
To: FT100@yahoogroups.com
Sent: Sunday, June 23, 2002 2:39 PM
Subject: Re: [FT100] Need help on 75/80m band on FT-100

If the setting for the ATAS-100 Antenna is either 1 or 2 the rig will not transmit on 80 Meters. The ATAS needs to be set to OFF. I believe it is Function # 61 that you need to check.

Good luck and 73,

Mike
W6MDK

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14870. Re: [FT100] Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 15:39:48 UTC
From: W6MDK@AOL.COM
Topic: 14861  Message: 14870

No.

# 14871. FT-100D price comparison

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 17:49:55 UTC
From: Zoltan Bordas
Topic: 14803  Message: 14871

Thanks for all who supplied the price infos...
The lowest USA price found: $789.95 @ Burghardt:
The lowest EU price found: 1383.98 EUR (~ $1300)

I am wondering why is this BIG price difference - more than 75% more
expensive in Europe???
Has somebody the explanation? I think the radios are 99.5% the same...

73 de Zoli / YO5CRQ

# 14872. FT100D..Sent in May21 Back June 25..Full Warranty Update..Not Bad

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 18:07:36 UTC
From: ke2de
Topic: 14872  Message: 14872

Hello FT100 Hams,

Sent mine in for fan etc update on May 21 and recieved it June 25 ALL requests completed and Works GREAT!!! Service Dept was courteous on my calls and acturally called me back to track down where it was in the service waiting line.

I am PLEASED with the Service and the customer Support!!!

Send yours in with full confidence.

Note: ZERO costs for return shipping and warranty work..

Earl
KE2DE

# 14873. Re: FT100D..Sent in May21 Back June 25..Full Warranty Update..Not Bad

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 18:13:12 UTC
From: robashman6178
Topic: 14872  Message: 14873

Blimy with plugging like that anybody would think you worked for
Yaesu (do we have an "insider" in the group?)!!!

73's
Rob M3RJA
--- In FT100@y..., "ke2de" <earl@s...> wrote:
> Hello FT100 Hams,
>
> Sent mine in for fan etc update on May 21 and recieved it June 25
ALL
> requests completed and Works GREAT!!! Service Dept was courteous on
> my calls and acturally called me back to track down where it was in
> the service waiting line.
>
> I am PLEASED with the Service and the customer Support!!!
>
> Send yours in with full confidence.
>
> Note: ZERO costs for return shipping and warranty work..
>
>
> Earl
> KE2DE

# 14874. Re: Mobile Antenna Mounts

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 19:16:30 UTC
From: pmp4me
Topic: 14837  Message: 14874

I didn't go through the firewall with the power cable but went from the battery underneath my 2001 F150 Supercrew and came up through one of the *many* rubber grommets available underneath, some located near the edges of the floor where you can sneak it up at the carpet edge. Did the same with the coax cables. I mounted the unit under the rear seat with a Radio Shack amplified speaker pointed forward and put the control head up front, floor mounted on a 9 inch cell-phone pedestal. If you spend much time with the rear seat folded over then mount the speaker somewhere else ;-)

As far as antenna mounting, I used the ATAS and mounted it with a simple L bracket and bulkhead double-female-SO239 on the inside of the bed, driver side, about an inch down from the bed top and about an inch away from the tailgate.

Greg,
N4EN

--- In FT100@y..., "Ed_Meyer" <yahoomail@m...> wrote:
> I've learned a great deal about mobile radio mounts from this group
> but I've not found anything thus far to help with mounting my
> inherited Hustler antennas on my 2001 F150 Supercrew...
> I was originally going to punch holes in the left rear fender and use
> a "standard" ball mount but I think a bumper mount might (on the left
> corner of the bumper) be as good and less invasive. The bumper,
> however, has a rubber mat on top.
> When looking at the Hustler BM-1 (on the Newtronics web site) I
> really haven't a clue as to how it attaches. I see a couple of "J"
> bolts but that is confusing....
> I'll take a closer look at some mounts this weekend at Field Day but
> if someone has some experiance with bumper mounts, please share.
> I also have not yet run the power leads to the battery (and thus have
> not installed the FT100D). I've always taken the easy route (with
> VHF/UHF installs) to the interior fuse block and that has been
> suffecient until now. Does anyone has specific, good, results in
> finding a gromet with room to spare in the 2001 F150 firewall?
> Thanks to all for the Mod Info. I've done the Fan resistor mod and
> Mike mod and the FT100D already had the SWR mod factory installed
> (but with not as much sheilding as shown in some of the photos)...
> 73,
> -Ed, WG5F-

# 14875. 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 20:57:35 UTC
From: ke9v
Topic: 14875  Message: 14875

Received my new FT-100D a few days ago. $789.95 from HRO with free shipping. Since the price dropped so much on the ATAS-100 I got one too.

I've been using the new rig in the house so far and am quite pleased with it.

I have read with interest all the comments about the fan modiciation. I haven't noticed a heating problem, although I have used the rig mostly on SSB and not FM.

Does this mod fix a problem with earlier SN#s that has since been fixed or should I be considering the modification?

Thanks.

Jeff

# 14876. Re: [FT100] Need help on 75/80m band on FT-100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 21:18:59 UTC
From: Frank van Wensveen
Topic: 14861  Message: 14876

On Mon, 24 Jun 2002 06:21:41 -0500, you wrote:

> dose the ATAS-100 work on 75/80 meters?
No, AFAIK it doesn't.

73,

Frank PA3GMP

# 14877. Re: 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 21:15:33 UTC
From: backhoefade
Topic: 14875  Message: 14877

First of all, the fan issue doesn't have anything to do with the modulation choice; it's strictly an issue when you operate long periods of receive only on VHF or UHF. The problem is that the fans never turn on during receive (except for about 10 seconds following a transmission) so the rig tends to heat up.
I have never heard yet of a new FT-100D out of the box with the fan issue fixed. The Yaesu mod consists of adding a temperature sensitive switch to the VHF/UHF PA section. Some people have instead opted to add a resistor which keeps the fans spinning at all times while receiving. It's been described how you can make that resistor mod without soldering or cutting wires so you could presumably remove it if and when you need to send the rig in for warranty work. (It's possible that Yaesu might void your warranty if they saw that resistor mod in there). If you're not a VHF/UHF operator you could just skip it. But I would prefer to have either the Yaesu mod or the resistor mod in there just in case you find yourself using the rig as a public service monitor receiver on occasion for example.

N6AF Chas

--- In FT100@y..., "ke9v" <ke9v@y...> wrote:
> Received my new FT-100D a few days ago. $789.95 from HRO with free
> shipping. Since the price dropped so much on the ATAS-100 I got one
> too.
>
> I've been using the new rig in the house so far and am quite
pleased
> with it.
>
> I have read with interest all the comments about the fan
modiciation.
> I haven't noticed a heating problem, although I have used the rig
> mostly on SSB and not FM.
>
> Does this mod fix a problem with earlier SN#s that has since been
> fixed or should I be considering the modification?
>
> Thanks.
>
> Jeff

# 14878. Baycom modem and FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 21:27:20 UTC
From: Frank van Wensveen
Topic: 14878  Message: 14878

Hi, everyone,
Long ago, when I was in school and still had a semblance of innocence (it's that long ago) I built one of those small and simple Baycom modems with just a Texas Instruments TCM3105 AFSK modem chip with a few extra components. I used this to do packet with my old Yaesu handheld (now deceased) and a simple DOS program.

I still have the modem and a friend in South Africa asked me to see if I can do packet anytime soon.
Can I connect my old Baycom modem (that used to be connected to the mic and speaker bus on my old handheld) directly to the FT100 DATA jack? (Using the 1200bps line, of course.) Do I need to worry about signal levels? Anything else?

All suggestions would be appreciated.

73,

Frank PA3GMP

# 14879. Re: [FT100] FT100D..Sent in May21 Back June 25..Full Warranty Update..Not Bad

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 21:30:09 UTC
From: Dick Thompson
Topic: 14872  Message: 14879

Hi earl,

What time Zone are you in? This is only the 24th. At least that's what it is here in Colorado. ROFL!!!

73,

Dick
WB0DUL@...
----- Original Message -----
From: ke2de
To: FT100@yahoogroups.com
Sent: Monday, June 24, 2002 12:07 PM
Subject: [FT100] FT100D..Sent in May21 Back June 25..Full Warranty Update..Not Bad

Hello FT100 Hams,

Sent mine in for fan etc update on May 21 and recieved it June 25 ALL
requests completed and Works GREAT!!! Service Dept was courteous on
my calls and acturally called me back to track down where it was in
the service waiting line.

I am PLEASED with the Service and the customer Support!!!

Send yours in with full confidence.

Note: ZERO costs for return shipping and warranty work..

Earl
KE2DE

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Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14880. Re: [FT100] 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 21:41:32 UTC
From: Dick Thompson
Topic: 14875  Message: 14880

Jeff, if your fans run constantly when you are in VHF/UHF mode, then the mod has been done on the radio you received. If they only come on when you transmit on 2m & 70cm, then the fan mod hasn't been done. A recommended mod is the mic mod. As for the SWR mod, well, some say you need to have it done and others disagree. Personally I've never had a problem with high SWR and when I did it was because I had a high SWR. Duh!

I added the Samlex switching power supply (SEC 1223) and the LDG AT-11MP Autotuner. The tuner is one of the best. You may not need the tuner for the ATAS-100, but possibly might for base station use, depending on the antennas you presently have.

You can find all the mods at several web sites and I'm sure you will have no problem finding them.

Have fun with your new xcvr, it's a great little radio.

73,

Dick
WB0DUL@...

----- Original Message -----
From: ke9v
To: FT100@yahoogroups.com
Sent: Monday, June 24, 2002 2:57 PM
Subject: [FT100] 100D Price & Mods

Received my new FT-100D a few days ago. $789.95 from HRO with free shipping. Since the price dropped so much on the ATAS-100 I got one too.

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Thanks.

Jeff

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[Non-text portions of this message have been removed]

# 14881. Re: [FT100] 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 23:29:24 UTC
From: Richard A. Smith
Topic: 14875  Message: 14881

Can you give me more contact info on HRO? I just about ready to purchase a FT100D. Thanks. Richard (ku4nz).

----- Original Message -----
From: "ke9v" <ke9v@...>
To: <FT100@yahoogroups.com>
Sent: Monday, June 24, 2002 3:57 PM
Subject: [FT100] 100D Price & Mods

> Received my new FT-100D a few days ago. $789.95 from HRO with free
> shipping. Since the price dropped so much on the ATAS-100 I got one
> too.
>
> I've been using the new rig in the house so far and am quite pleased
> with it.
>
> I have read with interest all the comments about the fan modiciation.
> I haven't noticed a heating problem, although I have used the rig
> mostly on SSB and not FM.
>
> Does this mod fix a problem with earlier SN#s that has since been
> fixed or should I be considering the modification?
>
> Thanks.
>
> Jeff
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 14882. Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 00:41:35 UTC
From: backhoefade
Topic: 14875  Message: 14882

Just wanted to clarify one thing on the fan mod. If Yaesu has done the mod where they add a temperature sensitive switch to the rig then the fans will automatically turn on while receiving in VHF/UHF when the rig reaches a certain temperature, but they won't run all the time; only when the rig gets to that threshold temperature.
If the rig has the "resistor mod", which wouldn't be expected on a new radio since Yaesu doesn't do the fan mod that way, then the fans would indeed run all the time, regardless of temperature.
Ditto Dick's comment, have fun with the rig, the receiver is excellent!
N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Jeff, if your fans run constantly when you are in VHF/UHF mode, then the mod has been done on the radio you received. If they only come on when you transmit on 2m & 70cm, then the fan mod hasn't been done. A recommended mod is the mic mod. As for the SWR mod, well, some say you need to have it done and others disagree. Personally I've never had a problem with high SWR and when I did it was because I had a high SWR. Duh!
>
> I added the Samlex switching power supply (SEC 1223) and the LDG AT-11MP Autotuner. The tuner is one of the best. You may not need the tuner for the ATAS-100, but possibly might for base station use, depending on the antennas you presently have.
>
> You can find all the mods at several web sites and I'm sure you will have no problem finding them.
>
> Have fun with your new xcvr, it's a great little radio.
>
> 73,
>
> Dick
> WB0DUL@a...
>
> ----- Original Message -----
> From: ke9v
> To: FT100@y...
> Sent: Monday, June 24, 2002 2:57 PM
> Subject: [FT100] 100D Price & Mods
>
>
> Received my new FT-100D a few days ago. $789.95 from HRO with free

> shipping. Since the price dropped so much on the ATAS-100 I got
one
> too.
>
> I've been using the new rig in the house so far and am quite
pleased
> with it.
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> I have read with interest all the comments about the fan
modiciation.
> I haven't noticed a heating problem, although I have used the rig
> mostly on SSB and not FM.
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> Does this mod fix a problem with earlier SN#s that has since been
> fixed or should I be considering the modification?
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> Thanks.
>
> Jeff
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>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
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Service.
>
>
>
> [Non-text portions of this message have been removed]

# 14883. Re: 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 00:50:57 UTC
From: ke9v
Topic: 14875  Message: 14883

Richard.

I bought my 100D and ATAS-100 from David Brown, KE4VDH at the Atlanta branch of HRO. 1-800-444-7927.

73, Jeff

--- In FT100@y..., "Richard A. Smith" <KU4NZ@B...> wrote:
> Can you give me more contact info on HRO? I just about ready to purchase a
> FT100D. Thanks. Richard (ku4nz).

# 14884. 100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 00:52:38 UTC
From: ke9v
Topic: 14884  Message: 14884

Thanks to all for the explanation on the fan modifications!

I have been enjoying the FT-100D very much and look forward to taking it on the road with me when I leave for vacation next week.

73, Jeff

# 14885. Re: [FT100] 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 01:04:44 UTC
From: Dick Thompson
Topic: 14875  Message: 14885

Richard,

Everything you need to know about HRO can be found at http://www.hamradio.com/.73,

If you need to check AES, go to http://www.aesham.com/.

Dick
WB0DUL@...

----- Original Message -----
From: Richard A. Smith
To: FT100@yahoogroups.com
Sent: Monday, June 24, 2002 5:29 PM
Subject: Re: [FT100] 100D Price & Mods

Can you give me more contact info on HRO? I just about ready to purchase a
FT100D. Thanks. Richard (ku4nz).

----- Original Message -----
From: "ke9v" <ke9v@...>
To: <FT100@yahoogroups.com>
Sent: Monday, June 24, 2002 3:57 PM
Subject: [FT100] 100D Price & Mods

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> fixed or should I be considering the modification?
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> Jeff
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> List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14886. Re: [FT100] Re: 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 01:06:41 UTC
From: Richard A. Smith
Topic: 14875  Message: 14886

Thanks. RAS
----- Original Message -----
From: "ke9v" <ke9v@...>
To: <FT100@yahoogroups.com>
Sent: Monday, June 24, 2002 7:50 PM
Subject: [FT100] Re: 100D Price & Mods

> Richard.
>
> I bought my 100D and ATAS-100 from David Brown, KE4VDH at the Atlanta
> branch of HRO. 1-800-444-7927.
>
> 73, Jeff
>
>
> --- In FT100@y..., "Richard A. Smith" <KU4NZ@B...> wrote:
> > Can you give me more contact info on HRO? I just about ready to
> purchase a
> > FT100D. Thanks. Richard (ku4nz).
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>

# 14887. Re: [FT100] 100D Price & Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 01:06:57 UTC
From: Dick Thompson
Topic: 14875  Message: 14887

There is an error in my last response to you. The HRO site is: http://www.hamradio.com/

Not sure how the 73 got on the end of the address. Sorry.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Richard A. Smith
To: FT100@yahoogroups.com
Sent: Monday, June 24, 2002 5:29 PM
Subject: Re: [FT100] 100D Price & Mods

Can you give me more contact info on HRO? I just about ready to purchase a
FT100D. Thanks. Richard (ku4nz).

----- Original Message -----
From: "ke9v" <ke9v@...>
To: <FT100@yahoogroups.com>
Sent: Monday, June 24, 2002 3:57 PM
Subject: [FT100] 100D Price & Mods

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> Thanks.
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> Jeff
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[Non-text portions of this message have been removed]

# 14888. Re: [FT100] 100D Mods

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 01:16:53 UTC
From: Dick Thompson
Topic: 14884  Message: 14888

I wanted to do the same thing, Jeff, but when I looked under the hood of my Buick Regal there was so much crap in that small engine compartment, I figured I wouldn't be able to get a drill in there to drill a hole for the power cord, let alone get coax run. Hi Hi.

Oh well, it made the XYL happy. But it's a different story in my F-250 Pickup. I'm all set for H/V/U in it as well as in the Prowler trailer I pull with it. Now if the Pike National Forest around here would just quit burning, I'd go camping. :) Actually, the firefighters are getting the upper hand with the Hayman fire which is very close to us here. All we need is rain, rain and more rain. The fire has not advanced for 3 days and that's a first in 16 days of fighting it. Like I said, send rain and lots of it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: ke9v
To: FT100@yahoogroups.com
Sent: Monday, June 24, 2002 6:52 PM
Subject: [FT100] 100D Mods

Thanks to all for the explanation on the fan modifications!

I have been enjoying the FT-100D very much and look forward to taking
it on the road with me when I leave for vacation next week.

73, Jeff

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14889. FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 06:21:46 UTC
From: robashman6178
Topic: 14884  Message: 14889

Hi All, I want to do the fan mod to my FT100 but cant find any details on what raiting resistor I will need could sombody out there who has done this mod forward the details on how to do this and what reating resistor I will need Many Thanks.
73's
Rob M3RJA

# 14890. Re: [FT100] FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 15:18:23 UTC
From: Dick Thompson
Topic: 14884  Message: 14890

Rob, use a 51 ohm 1/2 watt resistor. If you use a higher value resistor, the fans will run a little slower. I think the majority of us who have made the mod ourselves have used the 51 ohm resistor.

I did mine based on what another guy on this reflector passed on to all of us. Since my 11D is still under warranty, I didn't want to do any soldering inside the cabinet. So, I shortened one lead on the resistor (about 1 inch long) and pushed it firmly into the plug that goes from the fan to the circuit board. You want to use the black wire on either fan, it makes no difference which one you use. Just be sure (if you are not going to solder the resistor in, that it is firmly in place. Don't push it into the top of the plug far enough to destroy or cause the plug to break, just so it stays in place. If you decide to solder it in, just use one of the black wires.

On the other end of the resistor I formed a small loop and made it long enough to reach the hole that the screw in the top of the cabinet goes in. I positioned the loop so that when the screw was inserted into the hole it also went through the loop at the end of the resistor lead. When I tightened down the screw, the mod was complete.

Now, when I turn on my 100D, the fans immediately come on whether I am in HF or VHF/UHF, where before, they only came on when I went to HF. Unless you press the PTT button on your mic they will just run continually. If you press the PTT button they will speed up and when the rig cools down the fans go back to idle running, I don't even notice them running now. My rig is cool all the time. There are times when I get long winded on a transmission and the top of the rig heats up, but nowhere near like it did before I made the mod.

As for the other mods, I did the mic mod. But the High SWR mod has never occurred, and I recently purchased an LDG AT_11MP Autotuner for use with the 100D, so I'm hopefully safe. Only time will tell.

The fan mod and the mic mod are extremely easy to do, and you should have no problem. The mic mod resulted in people I know asking if I had bought a new mic for my 100D. They said I had more audio punch and the "slightly muffled" sound I had before was no longer evident.

Good luck,

73,

Dick
WB0DUL@...
----- Original Message -----
From: robashman6178
To: FT100@yahoogroups.com
Sent: Tuesday, June 25, 2002 12:21 AM
Subject: [FT100] FT100D Fan Mod

Hi All, I want to do the fan mod to my FT100 but cant find any
details on what raiting resistor I will need could sombody out there

who has done this mod forward the details on how to do this and what
reating resistor I will need Many Thanks.
73's
Rob M3RJA

Post message: FT100@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14891. ARS question

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 17:49:06 UTC
From: Zoltan Bordas
Topic: 14891  Message: 14891

I own a VX-5R bought last year and I am very satisfied with it.

However, because it was bought from HRO, it has the USA bandplan, unfortunately not possible to modify. So I missed a very nice feature, the ARS - automatic repeater shift.

My question is : if I'll buy a FT-100D from a USA dealer I will loose this facility too, or on the FT-100 this can be reprogrammed or changed in order to work according with the EU bandplan?

Thanks!

73 de Zoli / YO5CRQ

[Non-text portions of this message have been removed]

# 14892. Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 19:41:26 UTC
From: robashman6178
Topic: 14884  Message: 14892

Hi Dick, Thanx for those details, pnly powered up the unit for the first time today and it was getting warm after about 20 of listening and band swapping with the atas100 on board as well so I think the mod will need to be done asap, mic mod I dont think needs doing but i shall wait and see what reports I get. thanx again
73s
Rob M3RJA
--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Rob, use a 51 ohm 1/2 watt resistor. If you use a higher value resistor, the fans will run a little slower. I think the majority of us who have made the mod ourselves have used the 51 ohm resistor.
>
> I did mine based on what another guy on this reflector passed on to all of us. Since my 11D is still under warranty, I didn't want to do any soldering inside the cabinet. So, I shortened one lead on the resistor (about 1 inch long) and pushed it firmly into the plug that goes from the fan to the circuit board. You want to use the black wire on either fan, it makes no difference which one you use. Just be sure (if you are not going to solder the resistor in, that it is firmly in place. Don't push it into the top of the plug far enough to destroy or cause the plug to break, just so it stays in place. If you decide to solder it in, just use one of the black wires.
>
> On the other end of the resistor I formed a small loop and made it long enough to reach the hole that the screw in the top of the cabinet goes in. I positioned the loop so that when the screw was inserted into the hole it also went through the loop at the end of the resistor lead. When I tightened down the screw, the mod was complete.
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> Now, when I turn on my 100D, the fans immediately come on whether I am in HF or VHF/UHF, where before, they only came on when I went to HF. Unless you press the PTT button on your mic they will just run continually. If you press the PTT button they will speed up and when the rig cools down the fans go back to idle running, I don't even notice them running now. My rig is cool all the time. There are times when I get long winded on a transmission and the top of the rig heats up, but nowhere near like it did before I made the mod.
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> As for the other mods, I did the mic mod. But the High SWR mod has never occurred, and I recently purchased an LDG AT_11MP Autotuner for use with the 100D, so I'm hopefully safe. Only time will tell.
>
> The fan mod and the mic mod are extremely easy to do, and you should have no problem. The mic mod resulted in people I know asking

if I had bought a new mic for my 100D. They said I had more audio
punch and the "slightly muffled" sound I had before was no longer
evident.
>
> Good luck,
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: robashman6178
> To: FT100@y...
> Sent: Tuesday, June 25, 2002 12:21 AM
> Subject: [FT100] FT100D Fan Mod
>
>
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>
> [Non-text portions of this message have been removed]

# 14893. Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 20:03:41 UTC
From: backhoefade
Topic: 14884  Message: 14893

I strongly recommend the mic mod. What you will find is that most people will tell you that your audio is "OK" or "no problem there". If you really push for an honest assessment you will find 8 out of 10 people will finally tell you that it sounds like a --- well, like an FT-100(D); i.e. somewhat muffled and bass sounding. You see, Yaesu put a plastic "baffle" in front of the electret mic element to act as a "noise cancelling" device. I guess they were figuring a lot of people would find themselves barrelling down the freeway in an open Jeep with gobs of wind noise. The downside is that it greatly muffles the audio. A description of the mod is at http://www.mods.dk

N2ZD, Richy, was the originator of the idea; I expanded on it a bit by completely removing the baffle rather than turning it slightly. It really makes the rig come alive. I get excellent transmit audio reports now, both on SSB as well as AM (using the 6 kHz filter when operating AM; also described at that website.)
Good luck and enjoy your high performance receiver.
73 N6AF Chas

--- In FT100@y..., "robashman6178" <m3rja@b...> wrote:
> Hi Dick, Thanx for those details, pnly powered up the unit for the
> first time today and it was getting warm after about 20 of
listening
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> firmly in place. Don't push it into the top of the plug far enough
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If
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> times when I get long winded on a transmission and the top of the
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> > Good luck,
> >
> > 73,
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> > Dick
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> > To: FT100@y...
> > Sent: Tuesday, June 25, 2002 12:21 AM
> > Subject: [FT100] FT100D Fan Mod
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> >
> >
> > [Non-text portions of this message have been removed]

# 14894. Re: [FT100] Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 22:22:43 UTC
From: Dick Thompson
Topic: 14884  Message: 14894

OK. Hope it works out for you. You certainly won't regret the mic mod because it does make the audio at the receiving end much better.

Have fun with the rig.

73,

Dick
WB0DUL@...

----- Original Message -----
From: robashman6178
To: FT100@yahoogroups.com
Sent: Tuesday, June 25, 2002 1:41 PM
Subject: [FT100] Re: FT100D Fan Mod

Hi Dick, Thanx for those details, pnly powered up the unit for the first time today and it was getting warm after about 20 of listening and band swapping with the atas100 on board as well so I think the mod will need to be done asap, mic mod I dont think needs doing but i shall wait and see what reports I get. thanx again
73s
Rob M3RJA
--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> Rob, use a 51 ohm 1/2 watt resistor. If you use a higher value resistor, the fans will run a little slower. I think the majority of us who have made the mod ourselves have used the 51 ohm resistor.
>
> I did mine based on what another guy on this reflector passed on to all of us. Since my 11D is still under warranty, I didn't want to do any soldering inside the cabinet. So, I shortened one lead on the resistor (about 1 inch long) and pushed it firmly into the plug that goes from the fan to the circuit board. You want to use the black wire on either fan, it makes no difference which one you use. Just be sure (if you are not going to solder the resistor in, that it is firmly in place. Don't push it into the top of the plug far enough to destroy or cause the plug to break, just so it stays in place. If you decide to solder it in, just use one of the black wires.
>
> On the other end of the resistor I formed a small loop and made it long enough to reach the hole that the screw in the top of the cabinet goes in. I positioned the loop so that when the screw was inserted into the hole it also went through the loop at the end of the resistor lead. When I tightened down the screw, the mod was complete.
>

> Now, when I turn on my 100D, the fans immediately come on whether I
am in HF or VHF/UHF, where before, they only came on when I went to
HF. Unless you press the PTT button on your mic they will just run
continually. If you press the PTT button they will speed up and when
the rig cools down the fans go back to idle running, I don't even
notice them running now. My rig is cool all the time. There are
times when I get long winded on a transmission and the top of the rig
heats up, but nowhere near like it did before I made the mod.
>
> As for the other mods, I did the mic mod. But the High SWR mod has
never occurred, and I recently purchased an LDG AT_11MP Autotuner for
use with the 100D, so I'm hopefully safe. Only time will tell.
>
> The fan mod and the mic mod are extremely easy to do, and you
should have no problem. The mic mod resulted in people I know asking
if I had bought a new mic for my 100D. They said I had more audio
punch and the "slightly muffled" sound I had before was no longer
evident.
>
> Good luck,
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: robashman6178
> To: FT100@y...
> Sent: Tuesday, June 25, 2002 12:21 AM
> Subject: [FT100] FT100D Fan Mod
>
>
> Hi All, I want to do the fan mod to my FT100 but cant find any
> details on what raiting resistor I will need could sombody out
there
> who has done this mod forward the details on how to do this and
what
> reating resistor I will need Many Thanks.
> 73's
> Rob M3RJA
>
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.

>
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Service.
>
>
>
> [Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
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List owner: FT100-owner@yahoogroups.com
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[Non-text portions of this message have been removed]

# 14895. Re: [FT100] ATAS-100 on a boat

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-25 22:43:14 UTC
From: lacy arrison
Topic: 14863  Message: 14895

k8mam2000 <k8mam@...> wrote:
Has anyone installed an ATAS-100 on a boat? Thinking of installing on
a forward bow rail. Not sure if will have enough ground plane. Any
suggestions would be welcomed.

RE: I ran one on a boat and had no problem with ground plain. I very rarely received anything less than 599 reports. I just made sure that i had a good ground to some sort of metal on the boat. I even had luck throwing a short wire into the water. GL with the setup and get ready to work everyone you hear. water is the best ground plain to have...73

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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---
Do You Yahoo!?
Sign-up for Video Highlights of 2002 FIFA World Cup

[Non-text portions of this message have been removed]

# 14896. FT-100D is back!

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-24 22:48:28 UTC
From: morganquityesterday
Topic: 14896  Message: 14896

For those who are keeping track of these things:

Shipped to Yaesu - 21 May 02
Arrived at Yaesu - 29 May 02
Returned home - 19 Jun 02 (UPS 3-day)

Total away time was 29 days, my door to my door.

I have made photos before and after the service, which was to have the "standard" mods done. There was nothing wrong with the radio that I could tell; it was working great. When the "after" film is processed and the negatives scanned, I shall post the before and after images, if anyone is interested.

My radio does have the "copper tents" added.

There is no dot, red, blue, green, yellow or any other color on the box. There is, however, another label, which specifies what's in the box, the customer number, who the technician was (maybe, it has someone's name on it, I assume it was the tech), and a few other items, on the end of the box opposite the original label.

The Repair Shipment Pack List shows 2 THERMAL GUARD OHD3-40M. That's two (2) of those. Why two? I know the FT-100D has separate HF and V/UHF PAs, maybe they put one over each set? I didn't really pore over the innards while I had it open for the photo shoot; I was kinda eager to get the radio back into the Jeep so I could get back on the air. I just hope I took photographs with enough detail!

Does the -40M mean the switch will close at 40C?

There were 10 each Ceramic Cap 0.01mf at 50VF, 2 each B4134490 fittings, 2 each B4132840 fittings and 1.5 hours of AM Repair.

Things seem to be working as before. It still auto-tunes the ATAS100. I'm having to redo all my settings, because they all got reset, as expected. If I could just do something about the band conditions of the last few days. . .

That's it. Glad to have my '100D back where it belongs and in a lot less time than I anticipated.

Turner - WA4MQY

PS I included the microphone, but they didn't do that mod. I did that myself the next day.

# 14897. ATAS-120 is coming

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 05:00:13 UTC
From: Don DeGregori
Topic: 14897  Message: 14897

After surfing around various mobile antenna sites, I see Universal Radio is dis-continuing the ATAS-100. They say a new one from Yaesu will arrive July 31, 2002. No picture or specs yet.
Don

# 14898. Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 11:04:05 UTC
From: vhfradiobuff@aol.com
Topic: 14898  Message: 14898

Hello everyone. I subscribed to this group because I am seriously considering buying an FT-100D. It seems to be the one to get, better than the 706. Can anyone tell me if recently produced models have fixed any of the problems that require "mods" after you buy it? I am specifically talking about the fan problem and the microphone. I believe that Yaesu has fixed the fan, but want to hear from someone who has bought a new one very recently. As far as the microphone goes, it seems that in order to get good clear audio on it, it needs to be modified. Has Yaesu started to fix this in the factory? Thanks for any replies in advance.

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14899. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 11:55:59 UTC
From: ft100guy
Topic: 14898  Message: 14899

If you buy one make sure it has the swr mod. Look for the newest lots you can find, verify this thru the serial number of the one the dealer plans to sell you. Most May 2001 runs have it and anything newer should too from what we can tell. The fan mod is easy enough to do your self. Tie a 29-50 ohm resistor from one of the fan ground wires to ground, this will idle the fans on vhf/uhf to protect the final by keeping fresh air running thru the little beast. This will still allow the original circuit to work as designed. I see by your Yahoo ID that your a UHF/VHF buff, make sure you do this mod!
The mic is not a problem, simply disassemble the mic making sure that you remove the pc board screws and the one thru the ptt switch, then gently pry out the mic element and remove the plastic baffle. Open the third hole with a needle and reassemble without the baffle being careful not to pinch any wires as you secure the board in there. Voila! Super audio on all bands... Good luck Richy N2ZD

--- In FT100@y..., vhfradiobuff@a... wrote:
> Hello everyone. I subscribed to this group because I am seriously considering
> buying an FT-100D. It seems to be the one to get, better than the 706. Can
> anyone tell me if recently produced models have fixed any of the problems
> that require "mods" after you buy it? I am specifically talking about the fan
> problem and the microphone. I believe that Yaesu has fixed the fan, but want
> to hear from someone who has bought a new one very recently. As far as the
> microphone goes, it seems that in order to get good clear audio on it, it
> needs to be modified. Has Yaesu started to fix this in the factory? Thanks
> for any replies in advance.
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

# 14900. Re: Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 12:15:15 UTC
From: Raja Chatterjee
Topic: 10025  Message: 14900

Howdy Gents, mostly a lurker here....
2 items:
1.
I bought a new FT100D 2 months ago from HRO (May02). If the interior auto temp is high (after parking outside all day long), when I get in the truck and turn on the rig, the fans come on automatically. If it's cool and I just drive around talking on 2m, the fans spin when I transmit and, after a while, the fans turn on while I receive also. It's not too noticeable since the rig is mounted behind the back bench seat and the control head is mounted on the dash with a speaker there as well. I'll look up the serial number and post it in the next couple days. Anyway, it seems as if the fan mod has been done. I have never sent the rig in to Yaesu. If HRO did, they didn't tell me.

2.
I get this list in digest form.
It would be really nice if people didn't include a copy of the previous message when they reply. Including a specific line from a previous post is not unreasonable, but it's somewhat a waste of bandwidth to keep mailing copies of posts around when we all have access to the previous posts or can read the yahoo group as a thread.
Sorry, I'll get off my soapbox 8-) !

3.
I know, I said 2 things...
This list is great and I congratulate everyone on the wonderful technical discussions and problem solving, you've helped me quite a bit, and I didn't even need to ask a question!

--
73's de KB6MTH (Raja)
ARRL (Life), W4NC, W4WS, WF4DD, ARES, PVRC
Lati: 36° 06' 55" N
Long: 80° 21' 18" W
Grid: EM96TC
County: Forsyth
kb6mth@arrl.net

# 14901. Re: [FT100] Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 12:24:12 UTC
From: K4IA@arrl.net
Topic: 14898  Message: 14901

Both the fan and mic mod are so easy to make, they should not concern you in the least.
Radio K4IA Craig "Buck" Fredericksburg, Virginia USA QRP ARCI #2550 FISTS #6702 CC 788 Diamond #64 K1 #470 K2 #2460 fpQRP #442 QRP ARCI #2550
---------- For cheap long distance, 800#s and more Tune to http://www.ld.net/?bucksavers 4.9 cents/min - no monthly fees [Non-text portions of this message have been removed]

# 14902. FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 12:26:58 UTC
From: ke2de
Topic: 14902  Message: 14902

Hello,

I have a Rascal set prewired for FT100D and receives fine with Digipan and Hamscope. When I fo to transmit it switches to transmit but I see no paower out on my watt meter. Mode is USB and I tried changing the windows audio out through the icon but just does not shop any modulated carrier..or any power output...just goes into transmit.

Is there a setting in the FT100D I have not set correctly or is it something else.

Thanks,
Earl
KE2DE

# 14903. Update Sent May 24 Received June 24

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 13:07:03 UTC
From: ke2de
Topic: 14903  Message: 14903

Sorry for the typo..I received it on Monday June 24th. I too was surprised by the turn around time and corteous service and also they double bubble packed and it was placed in a plastic bag.

Tech# T44 made good comments on the sheet and I saw no mars or signs of frustration on the repair...I had requested also to align the main body with the sub metal body so the cover would be aligned in the corners and this was done also. I am sending a Thanky You to Yaesu Service so the tech #T44 gets full credit for his/her work.

Earl
KE2DE

# 14904. MD100 on the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 13:20:10 UTC
From: Hans
Topic: 14904  Message: 14904

Hi all,

Who has good results connecting a MD100
deskmic to the FT100.

I also know that an specialcable is needed
what is the discription of this cable?

Hans

----- Original Message -----
From: <FT100@yahoogroups.com>
To: <FT100@yahoogroups.com>
Sent: Wednesday, June 26, 2002 4:00 AM
Subject: [FT100] Digest Number 1278

>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
> ------------------------------------------------------------------------
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: ATAS-100 on a boat
> From: lacy arrison <kb9umbb@...>
>
>
> _____________________________________________________________________
> _____________________________________________________________________
>
> Message: 1
> Date: Tue, 25 Jun 2002 15:43:14 -0700 (PDT)
> From: lacy arrison <kb9umbb@...>
> Subject: Re: ATAS-100 on a boat
>
>
>
> k8mam2000 <k8mam@...> wrote:
> Has anyone installed an ATAS-100 on a boat? Thinking of installing on

> a forward bow rail. Not sure if will have enough ground plane. Any
> suggestions would be welcomed.
>
> RE: I ran one on a boat and had no problem with ground plain. I very
rarely received anything less than 599 reports. I just made sure that i had
a good ground to some sort of metal on the boat. I even had luck throwing a
short wire into the water. GL with the setup and get ready to work everyone
you hear. water is the best ground plain to have...73
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
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>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>
>
> ---------------------------------
> Do You Yahoo!?
> Sign-up for Video Highlights of 2002 FIFA World Cup
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 14905. Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 14:47:29 UTC
From: Dick Thompson
Topic: 14902  Message: 14905

Do you have VOX on?

73,

Dick
WB0DUL@...
----- Original Message -----
From: ke2de
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 6:26 AM
Subject: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Hello,

I have a Rascal set prewired for FT100D and receives fine with
Digipan and Hamscope. When I fo to transmit it switches to transmit
but I see no paower out on my watt meter. Mode is USB and I tried
changing the windows audio out through the icon but just does not
shop any modulated carrier..or any power output...just goes into
transmit.

Is there a setting in the FT100D I have not set correctly or is it
something else.

Thanks,
Earl
KE2DE

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14906. Re: ATAS-120 is coming

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 14:50:34 UTC
From: w8hq
Topic: 14897  Message: 14906

> dis-continuing the ATAS-100. They say a new one from Yaesu will arrive July 31, 2002. No picture or specs yet.

That is in complete disagreement with what the Yaesu Japanese representatives were telling us at Dayton and what their signs said. They indicated that the 120 would be a faster, more robust antenna with a higher price and that they would keep selling the 100.

Perhaps Universal cannot support both products in their inventory?

# 14907. ft-100 installation - grand cherokee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 15:01:17 UTC
From: Roger Paulson
Topic: 14907  Message: 14907

I'm going to take a number of long trips this summer. I'm planning on installing my ft-100d and altas in/on my wife's grand cherokee (the wife drives the nice vehicles - I drive the old, rusty ones). Can anyone give me any pointers?

Thanks in advance,

Roger
K4KCU

# 14908. Re: MD100 on the FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 15:05:25 UTC
From: backhoefade
Topic: 14904  Message: 14908

I have only read one report about the MD-100 / FT-100 combo and they said that the audio level was very low. That mic is really not directly compatible with the FT-100(D) due to the low input impedance of the rig. You can do the mic mod on the stock FT-100(D) mic and get great results. The mod is described at http://www.mods.dk
I also posted some info there that directs you to a website that describes the design of a mic pre-amp/impedance converter that allows you to use higher Z mics successfully with the FT-100(D). I think I posted info about the impedance mismatch issue and the website address for that pre-amp design under the topic dealing with microphones at the http://www.mods.dk website
You'll find your way to it. Several of the mod discussions are followed by reader comments and I believe that's where I stuck the info about the mic pre-amp. There's also info there regarding how to set up the FT-100(D) for excellent AM operation. Funny thing about the pre-amp approach; I was very discouraged with the transmit audio reports I was getting with the stock hand mic. I had a D-104 and ordered the pre-amp PC board for about $7 but before it arrived I did the mic mod and the results were so good that I never pursued using the pre-amp. Good luck.
73 N6AF Chas

--- In FT100@y..., "Hans" <hans075@h...> wrote:
> Hi all,
>
> Who has good results connecting a MD100
> deskmic to the FT100.
>
> I also know that an specialcable is needed
> what is the discription of this cable?
>
> Hans
>
> ----- Original Message -----
> From: <FT100@y...>
> To: <FT100@y...>
> Sent: Wednesday, June 26, 2002 4:00 AM
> Subject: [FT100] Digest Number 1278
>
>
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...

> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> > ----------
------
> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. Re: ATAS-100 on a boat
> > From: lacy arrison <kb9umbb@y...>
> >
> >
> >

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> >

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> >
> > Message: 1
> > Date: Tue, 25 Jun 2002 15:43:14 -0700 (PDT)
> > From: lacy arrison <kb9umbb@y...>
> > Subject: Re: ATAS-100 on a boat
> >
> >
> >
> > k8mam2000 <k8mam@c...> wrote:
> > Has anyone installed an ATAS-100 on a boat? Thinking of
installing on
> > a forward bow rail. Not sure if will have enough ground plane. Any
> > suggestions would be welcomed.
> >
> > RE: I ran one on a boat and had no problem with ground plain. I
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> rarely received anything less than 599 reports. I just made sure
that i had
> a good ground to some sort of metal on the boat. I even had luck
throwing a
> short wire into the water. GL with the setup and get ready to work
everyone
> you hear. water is the best ground plain to have...73
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html

> >
> > We are all a part of this Lets make it as good as possible.
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> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> >
> > ---------------------------------
> > Do You Yahoo!?
> > Sign-up for Video Highlights of 2002 FIFA World Cup
> >
> > [Non-text portions of this message have been removed]
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> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
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# 14909. Re: [FT100] ft-100 installation - grand cherokee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 15:28:11 UTC
From: Dick Thompson
Topic: 14907  Message: 14909

Getting a new wife would be more expensive than a new vehicle. If you can't get either, get a rust inhibiting paint. :)

Uh, I think you wanted pointers a little different than that, but that was too easy to let it slip by.

73,

Dick
WB0DUL@...
----- Original Message -----
From: Roger Paulson
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 9:01 AM
Subject: [FT100] ft-100 installation - grand cherokee

I'm going to take a number of long trips this summer. I'm planning on installing my ft-100d and altas in/on my wife's grand cherokee (the wife drives the nice vehicles - I drive the old, rusty ones). Can anyone give me any pointers?

Thanks in advance,

Roger
K4KCU

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Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14910. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 15:45:17 UTC
From: vhfradiobuff@aol.com
Topic: 14898  Message: 14910

Thanks for the replies. From what I have read, Yaesu has already fixed the problem with the fan on VHF/UHF on newer models, but I wanted to confirm it with someone who has very recently bought one. I have two external fans that currently sit on my VHF amp to cool it, so I will just mount them to blow on the outside of the radio when needed... since I'm a tech, all of my operating is on VHF/UHF and much of what I do will probably be low power FM stuff on repeaters (most repeaters can be reached with 5 watts or less in my area) or SSB. I tend only to turn up the power when needed, as any good operator should :)

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14911. Re: [FT100] Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 16:25:05 UTC
From: W6MDK@AOL.COM
Topic: 14898  Message: 14911

I bought mine earlier this year. It was produced in September of last year. The high SWR mod had been done, I assume at the factory. I did the mic mod and the fan mod myself. I highly recommend the fan mod, done the way I worked it out, solderless, and completely removable in the event of a need to send the rig toe Yaesu under warranty. By the wat, I used a 47 Ohm resistor, and the speed seems to be fine.

The mic mod is, also, a necessity, as far as I'm concerned.

Mike
W6MDK

# 14912. Re: ATAS-120 is coming

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 16:39:02 UTC
From: ab8jc
Topic: 14897  Message: 14912

The original post is wrong. Universal will carry both versions of the ATAS. Granted, they may not have either one in inventory at any given time.... ;-)

Universal's website is http://www.rffun.com
what a great domain name!

Steve AB8JC

# 14913. Re: [FT100] Quotes

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 16:54:10 UTC
From: Paul Manuel
Topic: 10025  Message: 14913

--- Raja Chatterjee <kb6mth@...> wrote:
>> It would be really nice if people didn't include a copy of the previous
> message when they reply. Including a specific line from a previous post
> is not unreasonable
I think at least a line of quotation is necessary because seeing a post
that just says "Yes!" or "Well said!" is confusing. Even in digest form,
it can come several messages after the original message.
73,
Paul K4PDM

_____
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 14914. Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 17:18:29 UTC
From: kd5puj
Topic: 14884  Message: 14914

I haven't had the mike mod done yet (only had the radio a week)and I have already been told I need to turn my mike gain down on UHF because of the wind noise (I don't have air conditioning). If I already have a problem making the mic mod will only make it worse. I don't think the mic mod is needed in all cases and should be seriously considered depending upon each operators situation. If I do the mod I guess I could decrease the mic gain that is still set at the factory setting.

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> OK. Hope it works out for you. You certainly won't regret the mic mod because it does make the audio at the receiving end much better.
>
> Have fun with the rig.
>
> 73,
>
> Dick
> WB0DUL@a...
>
> ----- Original Message -----
> From: robashman6178
> To: FT100@y...
> Sent: Tuesday, June 25, 2002 1:41 PM
> Subject: [FT100] Re: FT100D Fan Mod
>
>
> Hi Dick, Thanx for those details, pnly powered up the unit for the
> first time today and it was getting warm after about 20 of listening
> and band swapping with the atas100 on board as well so I think the
> mod will need to be done asap, mic mod I dont think needs doing but i
> shall wait and see what reports I get. thanx again
> 73s
> Rob M3RJA
> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > Rob, use a 51 ohm 1/2 watt resistor. If you use a higher value
> resistor, the fans will run a little slower. I think the majority of
> us who have made the mod ourselves have used the 51 ohm resistor.
> >

> > I did mine based on what another guy on this reflector passed
on to
> all of us. Since my 11D is still under warranty, I didn't want
to do
> any soldering inside the cabinet. So, I shortened one lead on
the
> resistor (about 1 inch long) and pushed it firmly into the plug
that
> goes from the fan to the circuit board. You want to use the
black
> wire on either fan, it makes no difference which one you use.
Just
> be sure (if you are not going to solder the resistor in, that it
is
> firmly in place. Don't push it into the top of the plug far
enough
> to destroy or cause the plug to break, just so it stays in
place. If
> you decide to solder it in, just use one of the black wires.
> >
> > On the other end of the resistor I formed a small loop and made
it
> long enough to reach the hole that the screw in the top of the
> cabinet goes in. I positioned the loop so that when the screw
was
> inserted into the hole it also went through the loop at the end
of
> the resistor lead. When I tightened down the screw, the mod was
> complete.
> >
> > Now, when I turn on my 100D, the fans immediately come on
whether I
> am in HF or VHF/UHF, where before, they only came on when I went
to
> HF. Unless you press the PTT button on your mic they will just
run
> continually. If you press the PTT button they will speed up and
when
> the rig cools down the fans go back to idle running, I don't
even
> notice them running now. My rig is cool all the time. There are
> times when I get long winded on a transmission and the top of the
rig
> heats up, but nowhere near like it did before I made the mod.
> >
> > As for the other mods, I did the mic mod. But the High SWR mod
has
> never occurred, and I recently purchased an LDG AT_11MP Autotuner
for
> use with the 100D, so I'm hopefully safe. Only time will tell.

> >
> > The fan mod and the mic mod are extremely easy to do, and you
> should have no problem. The mic mod resulted in people I know
asking
> if I had bought a new mic for my 100D. They said I had more
audio
> punch and the "slightly muffled" sound I had before was no longer
> evident.
> >
> > Good luck,
> >
> > 73,
> >
> > Dick
> > WB0DUL@a...
> > ----- Original Message -----
> > From: robashman6178
> > To: FT100@y...
> > Sent: Tuesday, June 25, 2002 12:21 AM
> > Subject: [FT100] FT100D Fan Mod
> >
> >
> > Hi All, I want to do the fan mod to my FT100 but cant find
any
> > details on what raiting resistor I will need could sombody
out
> there
> > who has done this mod forward the details on how to do this
and
> what
> > reating resistor I will need Many Thanks.
> > 73's
> > Rob M3RJA
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]

>
>
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>
>
> [Non-text portions of this message have been removed]

# 14915. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 17:32:55 UTC
From: backhoefade
Topic: 14898  Message: 14915

I haven't heard yet of a new FT-100D with proper fan operation on VHF/UHF. Note that the overheating problem occurs when you simply have a long period of receive-only operation on VHF/UHF. Although transmitting will add heat, I'm pointing out that the basic design problem is that the fans don't ever turn on, regardless of the rig's temperature, during receive operation (except for about ten seconds following a transmission). The quickest way to remedy this is to add the resistor as described in many posts at this website. The other approach is the Yaesu mod where they add a temperature sensitive switch to the rig. But that means you give up the rig for a few weeks. You can tell if you need the mod by heating up your rig by transmitting for a while on, say, 2 meters and then checking to see if the fans continue to run even after the basic 10 second post-transmit period. By the way, the rig draws gobs of current in transmit even if you have the power dialed way back. At least that's the case in AM, SSB and CW operation. The power consumption and consequential heat generation is only roughly proportional to the RF output power. There is a fairly high residual current drain "floor" regardless of output power level. Someone posted current drain versus output power but you would have to search for it. I'm not sure how the power consumption versus Pout function is for FM but I suspect it similarly draws a fair amount of current even if you dial the output power back to 5 Watts. Measure the current at low output power and tell me what you find. In any event, the real issue is that the rig will heat up a lot when it's just sitting there receiving, until you implement one of the fan mods.

73 N6AF Chas

--- In FT100@y..., vhfradiobuff@a... wrote:
> Thanks for the replies. From what I have read, Yaesu has already fixed the
> problem with the fan on VHF/UHF on newer models, but I wanted to confirm it
> with someone who has very recently bought one. I have two external fans that
> currently sit on my VHF amp to cool it, so I will just mount them to blow on
> the outside of the radio when needed... since I'm a tech, all of my operating
> is on VHF/UHF and much of what I do will probably be low power FM stuff on
> repeaters (most repeaters can be reached with 5 watts or less in my area) or
> SSB. I tend only to turn up the power when needed, as any good

operator
> should :)
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

# 14916. Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 17:43:10 UTC
From: backhoefade
Topic: 14884  Message: 14916

After you do the mic mod you will find that a setting of between 50 to 55 for SSB will be excellent; talking in a very slightly elevated voice about 4 inches from the mic. For AM operation set the mic gain at 17, no higher. For PROcessor operation hold in the PRO button long enough to get to the PRO level setting and set it also for 50 to 55 for SSB and 17 for AM. The PRO "compression level" setting is not a compression level control (despite what the User's Manual states); the degree of compression is a fixed level. You can't adjust it. The PRO level setting is simply a separate mic gain setting dedicated to "PROcessor on" operation. You can prove that to yourself by turning on the PRO, setting the PRO level to 55 (in SSB mode) and then going to the mic gain control and setting it all the way down to zero. You will see that the mic gain control is out of the picture when using the processor, and the PRO level control has over-ridden or replaced the mic gain control. I verified with an oscilloscope that the compression percentage does not vary at all when you vary the "comp level" setting. That just changes the mic gain, i.e. the audio drive level to the balanced modulator stage when the PROcessor is enabled. I think I calculated only about 14 dB of compression based on the envelopes I observed with the processor on versus off. It's not a lot of compression.

N6AF Chas

--- In FT100@y..., "kd5puj" <kd5puj@y...> wrote:
> I haven't had the mike mod done yet (only had the radio a week)and
I
> have already been told I need to turn my mike gain down on UHF
> because of the wind noise (I don't have air conditioning). If I
> already have a problem making the mic mod will only make it worse.
I
> don't think the mic mod is needed in all cases and should be
> seriously considered depending upon each operators situation. If I
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> the mod I guess I could decrease the mic gain that is still set at
> the factory setting.
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> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > OK. Hope it works out for you. You certainly won't regret the
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better.
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> > Have fun with the rig.

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> > 73,
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> > Dick
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> > ----- Original Message -----
> > From: robashman6178
> > To: FT100@y...
> > Sent: Tuesday, June 25, 2002 1:41 PM
> > Subject: [FT100] Re: FT100D Fan Mod
> >
> >
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> > mod will need to be done asap, mic mod I dont think needs doing
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> > shall wait and see what reports I get. thanx again
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> > Rob M3RJA
> > --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > > Rob, use a 51 ohm 1/2 watt resistor. If you use a higher
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> > resistor, the fans will run a little slower. I think the
> majority of
> > us who have made the mod ourselves have used the 51 ohm
> resistor.
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> > > I did mine based on what another guy on this reflector passed
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> > all of us. Since my 11D is still under warranty, I didn't want
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> > any soldering inside the cabinet. So, I shortened one lead on
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> > > On the other end of the resistor I formed a small loop and
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> > the resistor lead. When I tightened down the screw, the mod
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> > the rig cools down the fans go back to idle running, I don't
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> > notice them running now. My rig is cool all the time. There
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> > > As for the other mods, I did the mic mod. But the High SWR
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> > use with the 100D, so I'm hopefully safe. Only time will
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> > should have no problem. The mic mod resulted in people I know
> asking
> > if I had bought a new mic for my 100D. They said I had more
> audio
> > punch and the "slightly muffled" sound I had before was no
longer

> > evident.
> > >
> > > Good luck,
> > >
> > > 73,
> > >
> > > Dick
> > > WB0DUL@a...
> > > ----- Original Message -----
> > > From: robashman6178
> > > To: FT100@y...
> > > Sent: Tuesday, June 25, 2002 12:21 AM
> > > Subject: [FT100] FT100D Fan Mod
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> > >
> > > Hi All, I want to do the fan mod to my FT100 but cant find
> any
> > > details on what raiting resistor I will need could sombody
> out
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> > > who has done this mod forward the details on how to do this
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> > > reating resistor I will need Many Thanks.
> > > 73's
> > > Rob M3RJA
> > >
> > >
> > >
> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
> > > We are all a part of this Lets make it as good as possible.
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service.
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
> >
> > Post message: FT100@y...
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> >
> >
> > [Non-text portions of this message have been removed]

# 14917. Re: [FT100] Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 18:02:51 UTC
From: K4IA@arrl.net
Topic: 14884  Message: 14917

Do the mic mode and reduce the mic gain control. Then close talk the mic a bit. It will improve your wind noise problem. Radio K4IA Craig Buck Fredericksburg, Virginia K1#470 K2#2460 QRPARCI #2550 FISTS 6702 CC 788 DIAMOND #64

---------- Cheap Long Distance in and out of state, 800#s and more Tune to http://ld.net/?bucksavers (http://ldnet.net/?bucksavers)

# 14918. Suzuki Install

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 19:03:27 UTC
From: Jim Dennis (wb8nbi)
Topic: 14918  Message: 14918

I just posted a few pics om my Install in my suzuki if anyone wants to see them.

DE Jimmy (WB8NBI)

[Non-text portions of this message have been removed]

# 14919. Are FT-100's being discontinued--going on sale?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 19:10:23 UTC
From: kevinfoley3
Topic: 14919  Message: 14919

Last Friday, on a panicky scramble for Field Day supplies I went to HRO and they mentioned that the FT-100 sale they happened to have was ending at 5:30 pm (PST). They also mentioned the ATAS was on sale for a couple of more weeks. This led my friend and I to think that the FT-100 was being replaced (perhaps) by a new model and it would prob. go on an even bigger sale. It was on sale at 789 down from 823. I gotta save a lot of bucks these days but I would really like to replace my TS-430 (or 440, I forgot). Anyone heard anything?
KF6YUF Kevin

# 14920. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 20:35:23 UTC
From: vhfradiobuff@aol.com
Topic: 14920  Message: 14920

With all this talk about the microphone problem, you'd think Yaesu would fix it! I plan on getting a desk mic when I buy my 100D anyway...

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14921. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 20:35:22 UTC
From: vhfradiobuff@aol.com
Topic: 14898  Message: 14921

In a message dated 6/26/2002 1:34:57 PM Eastern Daylight Time,
cgarner@... writes:

> . Someone posted current drain
> versus output power but you would have to search for it.

I believe that according to yaesu, the current drain at 100w is around 23
amps.. dunno about the other power levels.
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

[Non-text portions of this message have been removed]

# 14922. Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 21:04:05 UTC
From: A V Flinsch
Topic: 14902  Message: 14922

On Wednesday 26 June 2002 08:26 am, you wrote:
> Hello,
>
> I have a Rascal set prewired for FT100D and receives fine with
> Digipan and Hamscope. When I fo to transmit it switches to transmit
> but I see no paower out on my watt meter. Mode is USB and I tried
> changing the windows audio out through the icon but just does not
> shop any modulated carrier..or any power output...just goes into
> transmit.

The problem is probably with Windows (eeech) or your connection to the
soundcard.

Make sure that you are connected to the line in & out jacks on your
soundcard & not the speaker or mic jacks.

>
> Is there a setting in the FT100D I have not set correctly or is it
> something else.

Make sure that vox is off,

When the rig is on, do you hear any output thru your computer speakers?

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14923. Re: [FT100] Are FT-100's being discontinued--going on sale?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 21:06:11 UTC
From: A V Flinsch
Topic: 14919  Message: 14923

On Wednesday 26 June 2002 03:10 pm, you wrote:
> Last Friday, on a panicky scramble for Field Day supplies I went to
> HRO and they mentioned that the FT-100 sale they happened to have was
> ending at 5:30 pm (PST). They also mentioned the ATAS was on sale for
> a couple of more weeks. This led my friend and I to think that the
> FT-100 was being replaced (perhaps) by a new model and it would prob.

I don't think that the FT100 is being discontinued anytime soon, the
reduction in price is probably an attempt to clear out inventory before
they get the FT897's in (whenever that might be)

--
Alex / KC2IVL
http://www.qsl.net/kc2ivl
"Good judgment comes from experience,
and a lot of that comes from bad judgment"

# 14924. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 21:14:45 UTC
From: pete_granger
Topic: 14898  Message: 14924

I asked my local UK dealer if he could supply me with a new FT100D with the fan and SWR mods done by Yaesu rather than buy it, send it back for the mods, wait ages etc.

He called Yaesu UK and they said, yes we will do that if you wish. Seems to me its the only way to buy an FT100D, get it with the mods done and save all the hassle. The waiting time is not long, only a few days more than ordering one through the dealer without the mods done.

I know what I am going to do :)

Rdgs,

Pete

--- In FT100@y..., vhfradiobuff@a... wrote:
> In a message dated 6/26/2002 1:34:57 PM Eastern Daylight Time,
> cgarner@h... writes:
>
>
> > . Someone posted current drain
> > versus output power but you would have to search for it.
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> I believe that according to yaesu, the current drain at 100w is around 23
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> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com
>
>
> [Non-text portions of this message have been removed]

# 14925. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 22:30:47 UTC
From: Dick Thompson
Topic: 14898  Message: 14925

You're right, Chas. I did my own fan mod and my FT-100D has been running all day and it's as cool as it was when I turned it on.

Best advice is do the fan mod, do the mic mod, and wait and see on the swr mod.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 11:32 AM
Subject: [FT100] Re: Considering the FT-100D

I haven't heard yet of a new FT-100D with proper fan operation on VHF/UHF. Note that the overheating problem occurs when you simply have a long period of receive-only operation on VHF/UHF. Although transmitting will add heat, I'm pointing out that the basic design problem is that the fans don't ever turn on, regardless of the rig's temperature, during receive operation (except for about ten seconds following a transmission). The quickest way to remedy this is to add the resistor as described in many posts at this website. The other approach is the Yaesu mod where they add a temperature sensitive switch to the rig. But that means you give up the rig for a few weeks. You can tell if you need the mod by heating up your rig by transmitting for a while on, say, 2 meters and then checking to see if the fans continue to run even after the basic 10 second post-transmit period. By the way, the rig draws gobs of current in transmit even if you have the power dialed way back. At least that's the case in AM, SSB and CW operation. The power consumption and consequential heat generation is only roughly proportional to the RF output power. There is a fairly high residual current drain "floor" regardless of output power level. Someone posted current drain versus output power but you would have to search for it. I'm not sure how the power consumption versus Pout function is for FM but I suspect it similarly draws a fair amount of current even if you dial the output power back to 5 Watts. Measure the current at low output power and tell me what you find. In any event, the real issue is that the rig will heat up a lot when it's just sitting there receiving, until you implement one of the fan mods.

73 N6AF Chas

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fixed the
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> currently sit on my VHF amp to cool it, so I will just mount them
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> the outside of the radio when needed... since I'm a tech, all of my
operating
> is on VHF/UHF and much of what I do will probably be low power FM
stuff on
> repeaters (most repeaters can be reached with 5 watts or less in my
area) or
> SSB. I tend only to turn up the power when needed, as any good
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> should :)
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> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 14926. Re: [FT100] Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 22:36:10 UTC
From: Dick Thompson
Topic: 14884  Message: 14926

It's OK if you don't do the mod. But I can almost guarantee you that if you do the mic mod, then set your mic gain around55, and have opened up the blocked hole in the mic, you will get great audio reports. Be sure to set your EQ for your voice. That also helps.

73,

Dick
WB0DUL@...
----- Original Message -----
From: kd5puj
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 11:18 AM
Subject: [FT100] Re: FT100D Fan Mod

I haven't had the mike mod done yet (only had the radio a week)and I have already been told I need to turn my mike gain down on UHF because of the wind noise (I don't have air conditioning). If I already have a problem making the mic mod will only make it worse. I don't think the mic mod is needed in all cases and should be seriously considered depending upon each operators situation. If I do the mod I guess I could decrease the mic gain that is still set at the factory setting.

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> OK. Hope it works out for you. You certainly won't regret the mic mod because it does make the audio at the receiving end much better.
>
> Have fun with the rig.
>
> 73,
>
> Dick
> WB0DUL@a...
>
> ----- Original Message -----
> From: robashman6178
> To: FT100@y...
> Sent: Tuesday, June 25, 2002 1:41 PM
> Subject: [FT100] Re: FT100D Fan Mod
>
>
> Hi Dick, Thanx for those details, pnly powered up the unit for the
> first time today and it was getting warm after about 20 of listening
> and band swapping with the atas100 on board as well so I think

the
> mod will need to be done asap, mic mod I dont think needs doing
but i
> shall wait and see what reports I get. thanx again
> 73s
> Rob M3RJA
> --- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> > Rob, use a 51 ohm 1/2 watt resistor. If you use a higher value
> resistor, the fans will run a little slower. I think the
majority of
> us who have made the mod ourselves have used the 51 ohm
resistor.
> >
> > I did mine based on what another guy on this reflector passed
on to
> all of us. Since my 11D is still under warranty, I didn't want
to do
> any soldering inside the cabinet. So, I shortened one lead on
the
> resistor (about 1 inch long) and pushed it firmly into the plug
that
> goes from the fan to the circuit board. You want to use the
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> wire on either fan, it makes no difference which one you use.
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> be sure (if you are not going to solder the resistor in, that it
is
> firmly in place. Don't push it into the top of the plug far
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> to destroy or cause the plug to break, just so it stays in
place. If
> you decide to solder it in, just use one of the black wires.
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> > On the other end of the resistor I formed a small loop and made
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> long enough to reach the hole that the screw in the top of the
> cabinet goes in. I positioned the loop so that when the screw
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> inserted into the hole it also went through the loop at the end
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> the resistor lead. When I tightened down the screw, the mod was
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> am in HF or VHF/UHF, where before, they only came on when I went
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> HF. Unless you press the PTT button on your mic they will just
run
> continually. If you press the PTT button they will speed up and

when
> the rig cools down the fans go back to idle running, I don't
even
> notice them running now. My rig is cool all the time. There are
> times when I get long winded on a transmission and the top of the
rig
> heats up, but nowhere near like it did before I made the mod.
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> > As for the other mods, I did the mic mod. But the High SWR mod
has
> never occurred, and I recently purchased an LDG AT_11MP Autotuner
for
> use with the 100D, so I'm hopefully safe. Only time will tell.
> >
> > The fan mod and the mic mod are extremely easy to do, and you
> should have no problem. The mic mod resulted in people I know
asking
> if I had bought a new mic for my 100D. They said I had more
audio
> punch and the "slightly muffled" sound I had before was no longer
> evident.
> >
> > Good luck,
> >
> > 73,
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> > Dick
> > WB0DUL@a...
> > ----- Original Message -----
> > From: robashman6178
> > To: FT100@y...
> > Sent: Tuesday, June 25, 2002 12:21 AM
> > Subject: [FT100] FT100D Fan Mod
> >
> >
> > Hi All, I want to do the fan mod to my FT100 but cant find
any
> > details on what raiting resistor I will need could sombody
out
> there
> > who has done this mod forward the details on how to do this
and
> what
> > reating resistor I will need Many Thanks.
> > 73's
> > Rob M3RJA
> >
> >
> >
> > Post message: FT100@y...

> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

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[Non-text portions of this message have been removed]

# 14927. Re: FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 23:09:00 UTC
From: waltodc
Topic: 14902  Message: 14927

I have the same setup and it works fine. To set the power level go to function menu 28 (AFSK LEVEL) I have set my sound card to Line out to ensure that the output is constant. If you are using powered speakers a 'Y' adapter will allow you to use them and adjust the speaker volume externally and not disturb the Transmit settings. On my Compaq the AFSK Level is 10 with the HF TX PO (Menu 21 set to 30) this seems to be fine for PSK31 and the FT-100 doesn't run hot.. It is also a good idea to turn off all special effects on the sound card so as not to distort the audio out.

73' N5UF

# 14928. Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:18:42 UTC
From: backhoefade
Topic: 14920  Message: 14928

You will need to use an impedance transforming pre-amp if you try to use most other mics other than the original hand mic with the FT-100D due to the low input impedance of the rig. People have reported low level audio when using, for example, the MD-100 Yaesu desk mike.
Read about the problem at http://hometown.aol.com/ampmicro
I suggest you do the mic mod on the mobile mic; the results are outstanding.
73 N6AF Chas

--- In FT100@y..., vhfradiobuff@a... wrote:
> With all this talk about the microphone problem, you'd think Yaesu would fix
> it! I plan on getting a desk mic when I buy my 100D anyway...
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

# 14929. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:19:50 UTC
From: backhoefade
Topic: 14898  Message: 14929

You're right; but I think it's still something like 4 or 5 amps even when you throttle back the CW output to 5 Watts out.

--- In FT100@y..., vhfradiobuff@a... wrote:
> In a message dated 6/26/2002 1:34:57 PM Eastern Daylight Time,
> cgarner@h... writes:
>
>
> > . Someone posted current drain
> > versus output power but you would have to search for it.
>
> I believe that according to yaesu, the current drain at 100w is around 23
> amps.. dunno about the other power levels.
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
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>
>
> [Non-text portions of this message have been removed]

# 14930. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:21:18 UTC
From: backhoefade
Topic: 14898  Message: 14930

Perfect solution. You're lucky the dealer will do that. Check the unit for the mods when you get it.
Good deal!
N6AF Chas

--- In FT100@y..., "pete_granger" <pete_granger@y...> wrote:\> I asked my local UK dealer if he could supply me with a new FT100D with the fan and SWR mods done by Yaesu rather than buy it, send it back for the mods, wait ages etc.
>
> He called Yaesu UK and they said, yes we will do that if you wish. Seems to me its the only way to buy an FT100D, get it with the mods done and save all the hassle. The waiting time is not long, only a few days more than ordering one through the dealer without the mods done.
>
> I know what I am going to do :)
>
>
> Rdgs,
>
>
> Pete
>
>
>
> --- In FT100@y..., vhfradiobuff@a... wrote:
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> >
> >
> > [Non-text portions of this message have been removed]

# 14931. Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:23:13 UTC
From: backhoefade
Topic: 14898  Message: 14931

I may actually do the resistor mod in addition to the Yaesu fan mod that's already in mine. I experimented and found that 180 Ohms gives a real nice compromise between low noise and some degree of constant air flow. I still have the temperature switch in there to take over when things heat up.
N6AF Chas
-- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> You're right, Chas. I did my own fan mod and my FT-100D has been running all day and it's as cool as it was when I turned it on.
>
> Best advice is do the fan mod, do the mic mod, and wait and see on the swr mod.
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: backhoefade
> To: FT100@y...
> Sent: Wednesday, June 26, 2002 11:32 AM
> Subject: [FT100] Re: Considering the FT-100D
>
>
> I haven't heard yet of a new FT-100D with proper fan operation on
> VHF/UHF. Note that the overheating problem occurs when you simply
> have a long period of receive-only operation on VHF/UHF. Although
> transmitting will add heat, I'm pointing out that the basic design
> problem is that the fans don't ever turn on, regardless of the rig's
> temperature, during receive operation (except for about ten seconds
> following a transmission). The quickest way to remedy this is to add
> the resistor as described in many posts at this website. The other
> approach is the Yaesu mod where they add a temperature sensitive
> switch to the rig. But that means you give up the rig for a few
> weeks. You can tell if you need the mod by heating up your rig by
> transmitting for a while on, say, 2 meters and then checking to see

> if the fans continue to run even after the basic 10 second
> post-transmit period. By the way, the rig draws gobs of current
in
> transmit even if you have the power dialed way back. At least
that's
> the case in AM, SSB and CW operation. The power consumption and
> consequential heat generation is only roughly proportional to the
RF
> output power. There is a fairly high residual current
drain "floor"
> regardless of output power level. Someone posted current drain
> versus output power but you would have to search for it. I'm not
> sure how the power consumption versus Pout function is for FM but
I
> suspect it similarly draws a fair amount of current even if you
dial
> the output power back to 5 Watts. Measure the current at low
output
> power and tell me what you find. In any event, the real issue is
> that the rig will heat up a lot when it's just sitting there
> receiving, until you implement one of the fan mods.
>
> 73 N6AF Chas
>
> --- In FT100@y..., vhfradiobuff@a... wrote:
> > Thanks for the replies. From what I have read, Yaesu has
already
> fixed the
> > problem with the fan on VHF/UHF on newer models, but I wanted
to
> confirm it
> > with someone who has very recently bought one. I have two
external
> fans that
> > currently sit on my VHF amp to cool it, so I will just mount
them
> to blow on
> > the outside of the radio when needed... since I'm a tech, all
of my
> operating
> > is on VHF/UHF and much of what I do will probably be low power
FM
> stuff on
> > repeaters (most repeaters can be reached with 5 watts or less
in my
> area) or
> > SSB. I tend only to turn up the power when needed, as any good
> operator
> > should :)
> >

> > =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> > 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
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>
> [Non-text portions of this message have been removed]

# 14932. Re: FT100D Fan Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:24:16 UTC
From: backhoefade
Topic: 14884  Message: 14932

Mic mod is described at http://www.mods.dk
N6AF Chas

--- In FT100@y..., "Dick Thompson" <wb0dul@a...> wrote:
> It's OK if you don't do the mod. But I can almost guarantee you
that if you do the mic mod, then set your mic gain around55, and have
opened up the blocked hole in the mic, you will get great audio
reports. Be sure to set your EQ for your voice. That also helps.
>
> 73,
>
> Dick
> WB0DUL@a...
> ----- Original Message -----
> From: kd5puj
> To: FT100@y...
> Sent: Wednesday, June 26, 2002 11:18 AM
> Subject: [FT100] Re: FT100D Fan Mod
>
>
> I haven't had the mike mod done yet (only had the radio a week)
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> >
> > Have fun with the rig.
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> > 73,
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> > ----- Original Message -----
> > From: robashman6178
> > To: FT100@y...
> > Sent: Tuesday, June 25, 2002 1:41 PM
> > Subject: [FT100] Re: FT100D Fan Mod
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> > > On the other end of the resistor I formed a small loop and
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> > > Good luck,
> > >
> > > 73,
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> > > Rob M3RJA
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> > >
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]

# 14933. Re: [FT100] Are FT-100's being discontinued--going on sale?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:27:42 UTC
From: Ed Juge/NM
Topic: 14919  Message: 14933

All dealers have a $200 coupoon on the FT-100D. I think that runs through July. Last week, HRO also had a $50 "Field Day" coupon, for a total discount of $250. That coupon probably expired with FD. I asked the price on Monday, 6/17 and was offered $200 off. I waited and went back in the following morning and the FD coupon was in effect, so I bought one. I seriously doubt this means the 100 is being dropped.

Frankly, I'm quite happy with my 100D and could care less if something supercedes it. But then, my last two rigs didn't get traded off for 8-10 years. I change my underwear daily... the ham radios not nearly so often.

73... Ed, W5EJ

----- Original Message -----
From: "A V Flinsch" <avflinsch@...>
To: <FT100@yahoogroups.com>
Sent: Wednesday, June 26, 2002 3:06 PM
Subject: Re: [FT100] Are FT-100's being discontinued--going on sale?

> On Wednesday 26 June 2002 03:10 pm, you wrote:
> > Last Friday, on a panicky scramble for Field Day supplies I went to
> > HRO and they mentioned that the FT-100 sale they happened to have was
> > ending at 5:30 pm (PST). They also mentioned the ATAS was on sale for
> > a couple of more weeks. This led my friend and I to think that the
> > FT-100 was being replaced (perhaps) by a new model and it would prob.
>
> I don't think that the FT100 is being discontinued anytime soon, the
> reduction in price is probably an attempt to clear out inventory before
> they get the FT897's in (whenever that might be)
>
>
> --
> Alex / KC2IVL
> http://www.qsl.net/kc2ivl
> "Good judgment comes from experience,
> and a lot of that comes from bad judgment"
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
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> We are all a part of this Lets make it as good as possible.
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
>
>

# 14934. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:42:48 UTC
From: Dick Thompson
Topic: 14898  Message: 14934

That might be a good way to go, Chas. Let me know if you do it.

73,

Dick
WB0DUL@...
----- Original Message -----
From: backhoefade
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 6:23 PM
Subject: [FT100] Re: Considering the FT-100D

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that's already in mine. I experimented and found that 180 Ohms gives
a real nice compromise between low noise and some degree of constant
air flow. I still have the temperature switch in there to take over
when things heat up.
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> You're right, Chas. I did my own fan mod and my FT-100D has been
running all day and it's as cool as it was when I turned it on.
>
> Best advice is do the fan mod, do the mic mod, and wait and see on
the swr mod.
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> 73,
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> VHF/UHF. Note that the overheating problem occurs when you
simply
> have a long period of receive-only operation on VHF/UHF.
Although
> transmitting will add heat, I'm pointing out that the basic
design
> problem is that the fans don't ever turn on, regardless of the
rig's
> temperature, during receive operation (except for about ten

seconds
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add
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other
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> switch to the rig. But that means you give up the rig for a few
> weeks. You can tell if you need the mod by heating up your rig
by
> transmitting for a while on, say, 2 meters and then checking to
see
> if the fans continue to run even after the basic 10 second
> post-transmit period. By the way, the rig draws gobs of current
in
> transmit even if you have the power dialed way back. At least
that's
> the case in AM, SSB and CW operation. The power consumption and
> consequential heat generation is only roughly proportional to the
RF
> output power. There is a fairly high residual current
drain "floor"
> regardless of output power level. Someone posted current drain
> versus output power but you would have to search for it. I'm not
> sure how the power consumption versus Pout function is for FM but
I
> suspect it similarly draws a fair amount of current even if you
dial
> the output power back to 5 Watts. Measure the current at low
output
> power and tell me what you find. In any event, the real issue is
> that the rig will heat up a lot when it's just sitting there
> receiving, until you implement one of the fan mods.
>
> 73 N6AF Chas
>
> --- In FT100@y..., vhfradiobuff@a... wrote:
> > Thanks for the replies. From what I have read, Yaesu has
already
> fixed the
> > problem with the fan on VHF/UHF on newer models, but I wanted
to
> confirm it
> > with someone who has very recently bought one. I have two
external
> fans that
> > currently sit on my VHF amp to cool it, so I will just mount
them
> to blow on
> > the outside of the radio when needed... since I'm a tech, all
of my

> operating
> > is on VHF/UHF and much of what I do will probably be low power
FM
> stuff on
> > repeaters (most repeaters can be reached with 5 watts or less
in my
> area) or
> > SSB. I tend only to turn up the power when needed, as any good
> operator
> > should :)
> >
> > =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> > 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> > Beachwood, NJ USA! Grid FM29vw
> > http://vhfradiobuff.tripod.com
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14935. Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:43:31 UTC
From: ke9v
Topic: 11774  Message: 14935

Just did the microphone modification. That was painless and a friend has already confirmed that the audio sounds much better. Took all of 15 minutes to complete.

Thanks all for the info!

73, Jeff

# 14936. Re: [FT100] Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 00:49:19 UTC
From: Dick Thompson
Topic: 11774  Message: 14936

See, we told you so. Have we ever lied to you before? ROFL!!!!!!

73,

Dick
WB0DUL@...
----- Original Message -----
From: ke9v
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 6:43 PM
Subject: [FT100] Mike Mod

Just did the microphone modification. That was painless and a friend
has already confirmed that the audio sounds much better. Took all of
15 minutes to complete.

Thanks all for the info!

73, Jeff

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14937. Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 01:20:01 UTC
From: lacy arrison
Topic: 14902  Message: 14937

Dick Thompson <wb0dul@...> wrote: TRY ADJUSTING THE AFSK LEVEL IN MENU 28. Mine is set to 15. It is like the mic gain for ssb. but for afsk. this controls the din input

----- Original Message -----
From: ke2de
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 6:26 AM
Subject: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Hello,

I have a Rascal set prewired for FT100D and receives fine with
Digipan and Hamscope. When I fo to transmit it switches to transmit
but I see no paower out on my watt meter. Mode is USB and I tried
changing the windows audio out through the icon but just does not
shop any modulated carrier..or any power output...just goes into
transmit.

Is there a setting in the FT100D I have not set correctly or is it
something else.

Thanks,
Earl
KE2DE

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---
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[Non-text portions of this message have been removed]

# 14938. Re: ft-100 installation - grand cherokee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 02:52:08 UTC
From: w6ir
Topic: 14907  Message: 14938

Roger,

I have my FT100 mounted under the back seat. I removed the tray for the garage door opener in the overhead console and mounted a speaker in there, the MFJ speaker fits nicely. The head is mounted to the center console (oops, you probably can't put in any holes).
The ATAS is mounted on a license plate frame mount from Lakeview (the hamstick maker). I also have a RS730 (Diamond?) mount on the rear passenger door used mainly for the 2/440 antenna but it will hold the ATAS if need be.

My 96 has ignition noise but the noise blanker takes care of it quite nicely.

Good luck, happy mobiling

Hank
W6IR

# 14939. Re: FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 03:10:32 UTC
From: ng3f
Topic: 14902  Message: 14939

Earl,
I am using the same RASCAL. I purchased it as a kit.
This may sound like a simple question, but make sure you have the green plug plugged into the sound (speaker out) out on the sound card, and make sure the Volume, MIDI and Wave controls are not muted in the Playback settings of the volume control. I don't use the Digital mode on the FT-100D, I leave it set on USB and reduce the power to 50-60% for HF.
Also, you might want to check to make sure the RASCAL is wired correctly and their aren't any bad solder joints.
Mine worked the first time I hooked it up, except for having the ptt line switched on the plug. A quick check of the pin outs and soldering in the correct wire and all went well.
Good luck.

Chris, NG3F

--- In FT100@y..., lacy arrison <kb9umbb@y...> wrote:
>
>
> Dick Thompson <wb0dul@a...> wrote: TRY ADJUSTING THE AFSK LEVEL IN MENU 28. Mine is set to 15. It is like the mic gain for ssb. but for afsk. this controls the din input
>
>
>
>
> ----- Original Message -----
> From: ke2de
> To: FT100@y...
> Sent: Wednesday, June 26, 2002 6:26 AM
> Subject: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK
>
>
> Hello,
>
> I have a Rascal set prewired for FT100D and receives fine with
> Digipan and Hamscope. When I fo to transmit it switches to transmit
> but I see no paower out on my watt meter. Mode is USB and I tried
> changing the windows audio out through the icon but just does not
> shop any modulated carrier..or any power output...just goes into
> transmit.
>

> Is there a setting in the FT100D I have not set correctly or is
it
> something else.
>
> Thanks,
> Earl
> KE2DE
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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>
>
> [Non-text portions of this message have been removed]
>
>
> Post message: FT100@y...
> Subscribe: FT100-subscribe@y...
> Unsubscribe: FT100-unsubscribe@y...
> List owner: FT100-owner@y...
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> ---------------------------------
> Do You Yahoo!?
> Sign-up for Video Highlights of 2002 FIFA World Cup
>
> [Non-text portions of this message have been removed]

# 14940. Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 03:18:17 UTC
From: vhfradiobuff@aol.com
Topic: 14940  Message: 14940

Can anyone tell me what the best base microphone is for the FT-100D? After reading about this mike mod that has to be done, it seems like I'd be better off just buying a base mike.. easier to use anyway...

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14941. Re: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 03:36:42 UTC
From: Howard Cunningham
Topic: 14940  Message: 14941

I love my Heil microphone. I have both the the Heil HM10 Desk Mic and the BM10 headset with the Ft100 adapter.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> vhfradiobuff@... 06/26/02 11:18PM >>>
Can anyone tell me what the best base microphone is for the FT-100D? After reading about this mike mod that has to be done, it seems like I'd be better off just buying a base mike.. easier to use anyway...

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14942. Re: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 03:42:03 UTC
From: vhfradiobuff@aol.com
Topic: 14940  Message: 14942

Anyone have any opinions on the Yaesu MD100 microphone for use with the FT100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14943. K7HOG Field Day

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 03:42:50 UTC
From: regularguy01
Topic: 14943  Message: 14943

The K7HOG Field Day team was hosted by Marsh Johnson, KK7CW. The set up was 3a high power with all hf bands in use, as well as a novice station.
I operated at the 20 meter ssb and cw position, as well as the 75 meter ssb position. Conditions were pretty good, with ability to hold a frequency even on 20 ssb with about 350 - 400 watts to a TA 33 JR at 45 feet or so.
Total efforts netted us approximately 1600 QSO's total, with the majority on 20 and 75 ssb.
The operators were Larry, AA0BY, John, K7FD, Harlan, N7HN, Jack, K7QH, Marsh, KK7CW, Chuck, KK7KU, and other operators. There were approxiamtely 35 operators who showed up.
How did everyone else do?
73,
Larry, AA0BY
aa0byglobalhams@yahoogroups.com
aa0by@...

# 14944. ATAS-120 no big deal

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 20:00:31 UTC
From: N1QXV
Topic: 14944  Message: 14944

No price on it yet either.

No big deal, they say it tunes faster, well my 100 is fast now.

They got rid of the boot and went with a seal plastic unit to keep water and dirt out.

Not worth their big price and the base is still lame with the roll pin lock.

73 de N1QXV
John

-------Original Message-------

From: FT100@yahoogroups.com
Date: Wednesday, June 26, 2002 02:47:45 PM
To: FT100@yahoogroups.com
Subject: [FT100] ATAS-120 is coming

After surfing around various mobile antenna sites, I see Universal Radio is dis-continuing the ATAS-100. They say a new one from Yaesu will arrive July 31, 2002. No picture or specs yet.
Don

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14945. Re: ft-100 installation - grand cherokee

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 20:04:54 UTC
From: morganquityesterday
Topic: 14907  Message: 14945

Roger,

I put my FT-100D/ATAS-100 into my '99 Cherokee Classic. It is not a Grand, but maybe some of this applies.

The FT-100D is separated, the electronic box is in the cargo hold. On the right (passenger) side of the cargo compartment there is a sunken area in the plastic wall. I put the flat mounting plate of the quick-release bracket in there and snap the radio (with the two side pieces of the bracket on the radio, of course) onto the mounting plate, with the fans pointing UP. Being in the dished out area, the electronic box is completely out of harm's way. Most of the cables are stuffed under the plastic materal along the top of the wheel well.

Power for the radio comes directly from the battery. The power cables come into the cabin through a large rubber or plastic boot used to get wires and other cables into the cabin from the engine compartment. If you look under the dash on the driver's side (use plenty of light, it is dark under there and the thing is black), you will see the taped wires coming through this boot. Somewhere close to the large central hole you should find two or more small flat circular areas, as if they were made for passing after-market cables. I used an awl to punch around the circumference of one of these areas and then used a pair of very small diagonal cutters to cut out the circular area. The power cables will be a tight fit through that hole, but that's what you want.

The control head is mounted on a RAM-Mount flexible arm which is mounted to the center console. The flex-arm allows the radio equipment to be twisted back behind the passenger seat when not in use, i.e., when the wife is riding as a passenger. Cables from the separation kit for the control head and the microphone cable can be tie-wrapped to the flex-arm (you might want to use the velcro-style tie wraps and the plastic ones can be kind of sharp).

The ATAS-100 is mounted to the right (passenger) side of the liftgate using a Maldol heavy duty trunk lip mount. On my Cherokee, the liftgate is metal and, contrary to what many posters here say, I have had to use minimal extra gounding to get the antenna to work. It tunes well on all bands. The short piece of thin coax that came with the SO-239 socket is all that is needed because the radio is mounted right at the antenna.

This requires a bit of work, but I think it produces a workable installation. I cruise to and from work with the radio on the flex-arm just above the console. My right elbow rests on the console and

I operate the radio with very little interference to driving. By the way, be sure you set the band edge memories for your favorite bands. I can tune the radio without taking my eyes off the road; when the VFO gets to the top end of the 'phone band, it just wraps around to the low end and keeps going!

Good luck,

Turner - WA4MQY

# 14946. Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-26 21:28:57 UTC
From: robert blumenkranz
Topic: 14902  Message: 14946

I use the Nomic
RigBlaster and I turn on the VOX mode on the FT100D
while in the USB mode. I plug an adaptor cable into
the Mic from the Nomic to get the audio into the
FT-100d. There is a mic gain pot that sets the audio
drive from the computer into the Mic input of the
FT100d.

I have no specific
info on the Rascal setup but hope this helps.
73
Ni6r
Bob
--- A V Flinsch <avflinsch@...> wrote:
> On Wednesday 26 June 2002 08:26 am, you wrote:
> > Hello,
> >
> > I have a Rascal set prewired for FT100D and
> receives fine with
> > Digipan and Hamscope. When I fo to transmit it
> switches to transmit
> > but I see no paower out on my watt meter. Mode is
> USB and I tried
> > changing the windows audio out through the icon
> but just does not
> > shop any modulated carrier..or any power
> output...just goes into
> > transmit.
>
> The problem is probably with Windows (eeech) or your
> connection to the
> soundcard.
>
> Make sure that you are connected to the line in &
> out jacks on your
> soundcard & not the speaker or mic jacks.
>
> >
> > Is there a setting in the FT100D I have not set
> correctly or is it
> > something else.
>
> Make sure that vox is off,
>
> When the rig is on, do you hear any output thru your

> computer speakers?
>
> --
> Alex / KC2IVL
> http://www.qsl.net/kc2ivl
> "Good judgment comes from experience,
> and a lot of that comes from bad judgment"
>

_____
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http://fifaworldcup.yahoo.com

# 14947. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 05:01:08 UTC
From: Lee Devlin
Topic: 14920  Message: 14947

--- vhfradiobuff@... wrote:
> With all this talk about the microphone problem,
> you'd think Yaesu would fix
> it!

I've been using the FT100 as long as most people in the forum and have never had a bad audio report. However, there are those that have reported that the audio on their rigs improved dramatically when they did the 'mic mod'. For those of you just tuning it, the mic mod depends on opening another hole in the mic and removing a baffle in the microphone housing.

The thing that most intrigues me about the mic mod is that the people who do it cannot possibly know the result of a 'before and after' test unless they've recorded it and not a single proponent of the mod has ever shared a 'before and after' audio clip with other list members. If anyone has one, I'd be 'all ears.'

As Bob Pease is fond of reminding his young engineers, whenever you tell me a circuit is 'acting funny' you should record the 'amount of funny.' This is basically a request for analytical data to support the conclusions one might draw from an experiment. I have yet to see a spectrum analysis of the purported improvement to the audio with a before and after analysis of the mic mod.

Now I realize that this message is likely to make a few people who are supporters of the 'mic mod' hopping mad. There's no need to get mad, I'm just requesting some analytical data to support the benefit of a mic mod. If anyone provides it, I'd be happy to post it to the FAQ.

I am curious as to why Yaesu added extra baffle to the mic. They had to go through the trouble of tooling up this part and adding it to the mic at great expense. Was it to reduce the 'Darth Vader' effect for those who breathe into the mic? Was it to reduce the effect of wind noise? If so, what happens to breath and wind noise after the baffle is removed? Also, if you're going to drill an extra hole, why not just drill a 1/4" hole so you have full access to the mic element? What purpose do the holes serve and why was one of

them blocked?

I'm asking the same questions I ask engineers when they come to me and say that they need to make a design change. That question is, "What data do you have to support this conclusion?" Without data, all you have is an opinion.

73,

Lee Devlin, K0LEE

_____
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http://fifaworldcup.yahoo.com

# 14948. Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 05:09:15 UTC
From: Dick Thompson
Topic: 14902  Message: 14948

It wasn't me who wrote that. Mine is set at 50.

73,

Dick
WB0DUL@...
----- Original Message -----
From: lacy arrison
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 7:20 PM
Subject: Re: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Dick Thompson <wb0dul@...> wrote: TRY ADJUSTING THE AFSK LEVEL IN MENU 28. Mine is set to 15. It is like the mic gain for ssb. but for afsk. this controls the din input

----- Original Message -----
From: ke2de
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 6:26 AM
Subject: [FT100] FT100D and Rascal PSKHow to get Power Out..Recieve OK

Hello,

I have a Rascal set prewired for FT100D and receives fine with
Digipan and Hamscope. When I fo to transmit it switches to transmit
but I see no paower out on my watt meter. Mode is USB and I tried
changing the windows audio out through the icon but just does not
shop any modulated carrier..or any power output...just goes into
transmit.

Is there a setting in the FT100D I have not set correctly or is it
something else.

Thanks,
Earl
KE2DE

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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---
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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14949. Re: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 05:14:30 UTC
From: Dick Thompson
Topic: 14940  Message: 14949

The mic mod is so simple and takes about 15 minutes. Plus, the price is $0. A base mic will cost you $$$ and probably won't sound as good as the mod.

73,

Dick
WB0DUL@...
----- Original Message -----
From: vhfradiobuff@...
To: ft100@yahoogroups.com
Sent: Wednesday, June 26, 2002 9:18 PM
Subject: [FT100] Best base mike for FT100D?

Can anyone tell me what the best base microphone is for the FT-100D? After reading about this mike mod that has to be done, it seems like I'd be better off just buying a base mike.. easier to use anyway...

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14950. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 05:26:17 UTC
From: Dick Thompson
Topic: 14920  Message: 14950

Mad? You actually think those of us who made the mod will be hopping mad at you? That's rediculous, Lee. But the next time I drive up to Denver I'm gonna have to kill you. Mind you, I'm NOT mad. ROFL!!!!!!!

All kidding aside, what you said makes sense. But I made the mod and I don't have before and after recordings, but people I have known for many years on the air and in person, said that there was a noticeable difference. A couple of them asked me if I had a new mic and they had no idea I had made a mod to the mobile mic that came with the 100D. Go figure.

73,

Dick
WB0DUL@...
Colorado Springs, CO
----- Original Message -----
From: Lee Devlin
To: FT100@yahoogroups.com
Sent: Wednesday, June 26, 2002 11:01 PM
Subject: Re: [FT100] Re: FT100D Fan Mod/Mike Mod

--- vhfradiobuff@... wrote:
> With all this talk about the microphone problem,
> you'd think Yaesu would fix
> it!

I've been using the FT100 as long as most people in the forum and have never had a bad audio report. However, there are those that have reported that the audio on their rigs improved dramatically when they did the 'mic mod'. For those of you just tuning it, the mic mod depends on opening another hole in the mic and removing a baffle in the microphone housing.

The thing that most intrigues me about the mic mod is that the people who do it cannot possibly know the result of a 'before and after' test unless they've recorded it and not a single proponent of the mod has ever shared a 'before and after' audio clip with other list members. If anyone has one, I'd be 'all ears.'

As Bob Pease is fond of reminding his young engineers, whenever you tell me a circuit is 'acting funny' you should record the 'amount of funny.' This is basically a request for analytical data to support the conclusions one might draw from an experiment. I have yet to see a spectrum analysis of the purported improvement to the audio with a before and after

analysis of the mic mod.

Now I realize that this message is likely to make a few people who are supporters of the 'mic mod' hopping mad. There's no need to get mad, I'm just requesting some analytical data to support the benefit of a mic mod. If anyone provides it, I'd be happy to post it to the FAQ.

I am curious as to why Yaesu added extra baffle to the mic. They had to go through the trouble of tooling up this part and adding it to the mic at great expense. Was it to reduce the 'Darth Vader' effect for those who breathe into the mic? Was it to reduce the effect of wind noise? If so, what happens to breath and wind noise after the baffle is removed? Also, if you're going to drill an extra hole, why not just drill a 1/4" hole so you have full access to the mic element? What purpose do the holes serve and why was one of them blocked?

I'm asking the same questions I ask engineers when they come to me and say that they need to make a design change. That question is, "What data do you have to support this conclusion?" Without data, all you have is an opinion.

73,

Lee Devlin, K0LEE

_____
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[Non-text portions of this message have been removed]

# 14951. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 05:31:11 UTC
From: n4aiw@aol.com
Topic: 14898  Message: 14951

Remember that it takes so many amps to run the lights,preamps, receiver,so on, so on, so you have to add this to the amount of trans current on most rigs.

# 14952. Re: [FT100] Digest Number 1281

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 06:52:53 UTC
From: Dan K Nelson
Topic: 14952  Message: 14952

I don't have any statistical data to back up this claim, just personal experience. I have been running the FT-100 since they were first released, and I never received an unsolicited "great audio" report with the stock mike. A few months ago, I did the mod, and since then I get one or two "great audio" comments every day. That's enough "proof" for me...

73 de W6DKN

----- Original Message -----
From: <FT100@yahoogroups.com>
To: <FT100@yahoogroups.com>
Sent: Wednesday, June 26, 2002 22:05
Subject: [FT100] Digest Number 1281

> Message: 1
> Date: Wed, 26 Jun 2002 22:01:08 -0700 (PDT)
> From: Lee Devlin <lee810@...>
> Subject: Re: Re: FT100D Fan Mod/Mike Mod
>

> I've been using the FT100 as long as most people in
> the forum and have never had a bad audio report.
> However, there are those that have reported that the
> audio on their rigs improved dramatically when they
> did the 'mic mod'. For those of you just tuning it,
> the mic mod depends on opening another hole in the mic
> and removing a baffle in the microphone housing.
>
> The thing that most intrigues me about the mic mod is
> that the people who do it cannot possibly know the
> result of a 'before and after' test unless they've
> recorded it and not a single proponent of the mod has
> ever shared a 'before and after' audio clip with other
> list members. If anyone has one, I'd be 'all ears.'
>
> As Bob Pease is fond of reminding his young engineers,
> whenever you tell me a circuit is 'acting funny' you
> should record the 'amount of funny.' This is
> basically a request for analytical data to support the
> conclusions one might draw from an experiment. I have
> yet to see a spectrum analysis of the purported
> improvement to the audio with a before and after
> analysis of the mic mod.
>
> Now I realize that this message is likely to make a
> few people who are supporters of the 'mic mod' hopping
> mad. There's no need to get mad, I'm just requesting

> some analytical data to support the benefit of a mic
> mod. If anyone provides it, I'd be happy to post it
> to the FAQ.
>
> I am curious as to why Yaesu added extra baffle to the
> mic. They had to go through the trouble of tooling up
> this part and adding it to the mic at great expense.
> Was it to reduce the 'Darth Vader' effect for those
> who breathe into the mic? Was it to reduce the effect
> of wind noise? If so, what happens to breath and wind
> noise after the baffle is removed? Also, if you're
> going to drill an extra hole, why not just drill a
> 1/4" hole so you have full access to the mic element?
> What purpose do the holes serve and why was one of
> them blocked?
>
> I'm asking the same questions I ask engineers when
> they come to me and say that they need to make a
> design change. That question is, "What data do you
> have to support this conclusion?" Without data, all
> you have is an opinion.
>
> 73,
>
> Lee Devlin, K0LEE
>
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>
> _____
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>

# 14953. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 09:01:58 UTC
From: vhfradiobuff@aol.com
Topic: 14920  Message: 14953

In a message dated 6/27/2002 1:02:06 AM Eastern Daylight Time,
lee810@... writes:

> The thing that most intrigues me about the mic mod is
> that the people who do it cannot possibly know the
> result of a 'before and after' test unless they've
> recorded it and not a single proponent of the mod has
> ever shared a 'before and after' audio clip with other
> list members. If anyone has one, I'd be 'all ears.'
>

I am sure that most of those who do this mod do on the air tests with other
stations, listening and giving their opinions on the quality of the audio.
They probably go from being told they are muffled to being told they are loud
and clear...
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

[Non-text portions of this message have been removed]

# 14954. Re: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 10:55:16 UTC
From: Jim Dennis (wb8nbi)
Topic: 14940  Message: 14954

I use a Heil with their adapter. I get good audio reports with it. Mic gain set to 50 works the best for me.
----- Original Message -----
From: vhfradiobuff@...
To: ft100@yahoogroups.com
Sent: Wednesday, June 26, 2002 11:18 PM
Subject: [FT100] Best base mike for FT100D?

Can anyone tell me what the best base microphone is for the FT-100D? After reading about this mike mod that has to be done, it seems like I'd be better off just buying a base mike.. easier to use anyway...

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

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[Non-text portions of this message have been removed]

# 14955. Re: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 11:40:51 UTC
From: Howard Cunningham
Topic: 14940  Message: 14955

When Yaseu said that the MD100 does not work with the FT100, I bought the Heil HM10

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@macrollc.com
for service: service@...

>>> vhfradiobuff@... 06/26/02 11:42PM >>>
Anyone have any opinions on the Yaesu MD100 microphone for use with the
FT100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

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# 14956. Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 14:02:15 UTC
From: vhfradiobuff@aol.com
Topic: 14956  Message: 14956

Ok, a lot of you have told me you use the Heil HM10 mike with the FT-100D. After looking it up, I see they sell it with the HC4 and/or the HC5. Which should I get? Also, I've found a reference to needing a "CC-1 Connecting Cable"? What's that? Is there some special adapter I need to use it with the FT-100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14957. Another question about Heil mike's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 14:06:21 UTC
From: vhfradiobuff@aol.com
Topic: 14957  Message: 14957

Sorry for so many questions, but I am looking at the Heil mikes some more and I just realized that it doesn't seem like these microphones have a conventional switch to key them. How does use actually key this microphone?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

# 14958. Re: [FT100] Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 14:26:14 UTC
From: W6MDK@AOL.COM
Topic: 14956  Message: 14958

This may be of interest to those of you who want to save some money.

I was going to buy a Heil mic for both my 100D and my Icom 746. In talking to the salesman at HRO (who has become a friend) he told me on the sly that he has gotten reports every bit as good as the Heils, but with much less expensive studio mics. So I went out and bought every one I could get my hands on (knowing, of course, that I could return the ones I didn't want.)

Lo and behold, I ended up with an Audio Technica ATR-20 desk mic (around 20 bucks at Best Buy). None of the others I tried (Radio Shack, Sony) worked well at all. But the Audio Technic sounds great.

I put it on a Radio Shack desk stand (about 6 bucks.) I wired a PTT switch into a plastic box along with a mic mini plug and connected the whole thing to the rig with the appropriate plug. The setup works great. I get consistently good audio reports from all over. When using it with the 746 I have to set the mic compression up fairly high, but it works fine. When I get around to it, I'll build a pre-amp/equalizer for it. But it doesn't seem to be necessary at the moment.

Total cost, about $30, an an hour of my time. Well worth it, as far as I'm concerned. I recommend you give it a try. You can always return the mic within 30 days if you aren't satisfied, and it will all cost you considerably less than the other options.

73,

Mike
W6MDK

# 14959. Re: [FT100] Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 14:53:33 UTC
From: Dick Thompson
Topic: 14956  Message: 14959

Andy, I'm not sure of which cartridge you should order for the Heil mic. But I think the cable you mentioned is a cable that has a standard mic connection on one end (8 pin, screw on type) that you can screw the mic onto. The other end of the cable probably has the RJ45 end that mates with the FT-100D. If I'm wrong I'm sure I'll hear about it. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: vhfradiobuff@...
To: ft100@yahoogroups.com
Sent: Thursday, June 27, 2002 8:02 AM
Subject: [FT100] Heil mike with FT-100D

Ok, a lot of you have told me you use the Heil HM10 mike with the FT-100D. After looking it up, I see they sell it with the HC4 and/or the HC5. Which should I get? Also, I've found a reference to needing a "CC-1 Connecting Cable"? What's that? Is there some special adapter I need to use it with the FT-100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
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[Non-text portions of this message have been removed]

# 14960. Re: [FT100] Another question about Heil mike's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 14:54:32 UTC
From: Dick Thompson
Topic: 14957  Message: 14960

You can key it using VOX or as most mic's it probably has a PTT switch on it also.

73,

Dick
WB0DUL@...
----- Original Message -----
From: vhfradiobuff@...
To: ft100@yahoogroups.com
Sent: Thursday, June 27, 2002 8:06 AM
Subject: [FT100] Another question about Heil mike's

Sorry for so many questions, but I am looking at the Heil mikes some more and
I just realized that it doesn't seem like these microphones have a
conventional switch to key them. How does use actually key this microphone?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

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[Non-text portions of this message have been removed]

# 14961. Re: Are FT-100's being discontinued--going on sale?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 15:05:18 UTC
From: kevinfoley3
Topic: 14919  Message: 14961

whew! glad to hear that! thanks for the reply,
kf6yuf

--- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
> All dealers have a $200 coupoon on the FT-100D. I think that runs
through
> July. Last week, HRO also had a $50 "Field Day" coupon, for a total
> discount of $250. That coupon probably expired with FD. I asked
the price
> on Monday, 6/17 and was offered $200 off. I waited and went back in
the
> following morning and the FD coupon was in effect, so I bought one.
I
> seriously doubt this means the 100 is being dropped.
>
> Frankly, I'm quite happy with my 100D and could care less if
something
> supercedes it. But then, my last two rigs didn't get traded off for
8-10
> years. I change my underwear daily... the ham radios not nearly so
often.
>
> 73... Ed, W5EJ
>
>
> ----- Original Message -----
> From: "A V Flinsch" <avflinsch@a...>
> To: <FT100@y...>
> Sent: Wednesday, June 26, 2002 3:06 PM
> Subject: Re: [FT100] Are FT-100's being discontinued--going on sale?
>
>
> > On Wednesday 26 June 2002 03:10 pm, you wrote:
> > > Last Friday, on a panicky scramble for Field Day supplies I went
to
> > > HRO and they mentioned that the FT-100 sale they happened to
have was
> > > ending at 5:30 pm (PST). They also mentioned the ATAS was on
sale for
> > > a couple of more weeks. This led my friend and I to think that
the
> > > FT-100 was being replaced (perhaps) by a new model and it would
prob.
> >
> > I don't think that the FT100 is being discontinued anytime soon,

the
> > reduction in price is probably an attempt to clear out inventory
before
> > they get the FT897's in (whenever that might be)
> >
> >
> > --
> > Alex / KC2IVL
> > http://www.qsl.net/kc2ivl
> > "Good judgment comes from experience,
> > and a lot of that comes from bad judgment"
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
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> > We are all a part of this Lets make it as good as possible.
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# 14962. Re: Another question about Heil mike's

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 15:10:10 UTC
From: ki5mp
Topic: 14957  Message: 14962

As you've noted, most of the available mics from Heil don't have PTT switches (with the exception of the Goldline). With his "universal cabling system", a standard 1/4" jack is wired across the appropriate pins for each type of mic plug, allowing the user to incorporate either a hand-held PTT switch or foot switch to key the mic manually. Or, as someone else mentioned, you can use VOX to key the rig.

Good luck,

Mike KI5MP

-- In FT100@y..., vhfradiobuff@a... wrote:
> Sorry for so many questions, but I am looking at the Heil mikes some more and
> I just realized that it doesn't seem like these microphones have a
> conventional switch to key them. How does use actually key this microphone?
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

# 14963. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 15:16:54 UTC
From: Ed Juge/NM
Topic: 14920  Message: 14963

>They probably go from being told they are muffled to being told they are
loud
>and clear...

That's what happened to me.

Cheers... Ed, W5EJ

----- Original Message -----
From: <vhfradiobuff@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 3:01 AM
Subject: Re: [FT100] Re: FT100D Fan Mod/Mike Mod

> In a message dated 6/27/2002 1:02:06 AM Eastern Daylight Time,
> lee810@... writes:
>
>
> > The thing that most intrigues me about the mic mod is
> > that the people who do it cannot possibly know the
> > result of a 'before and after' test unless they've
> > recorded it and not a single proponent of the mod has
> > ever shared a 'before and after' audio clip with other
> > list members. If anyone has one, I'd be 'all ears.'
> >
>
> I am sure that most of those who do this mod do on the air tests with
other
> stations, listening and giving their opinions on the quality of the audio.
> They probably go from being told they are muffled to being told they are
loud
> and clear...
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com
>
>
> [Non-text portions of this message have been removed]
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
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> List owner: FT100-owner@yahoogroups.com

> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
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>
>

# 14964. Re: [FT100] Re: Considering the FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 15:37:33 UTC
From: Frank van Wensveen
Topic: 14898  Message: 14964

On Wed, 26 Jun 2002 21:14:45 -0000, you wrote:

> I asked my local UK dealer if he could supply me with a new FT100D
> with the fan and SWR mods done by Yaesu rather than buy it, send
> it back for the mods, wait ages etc.
> He called Yaesu UK and they said, yes we will do that if you wish.
Frankly I think it's ridiculous that they're still shipping the FT100
when they know it needs serious mods in order to work according to
specs.

73,

Frank PA3GMP

# 14965. Pre-modded mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 15:40:15 UTC
From: Frank van Wensveen
Topic: 14965  Message: 14965

I tried to do the mic mod last week but much to my amazement I
couldn't find the three small holes (one of which is blocked) that are
supposed to be in the mic element. After removing the mic element I
find it's covered by a rubber grommet with a 3mm hole in the center.
Underneath is the mic element that is covered by a sort of textile.
And I've never had complaints about my audio either.

Are there different types of FT100 microphones around?

73,

Frank PA3GMP

# 14966. Re: [FT100] Pre-modded mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 16:00:02 UTC
From: Ed Juge/NM
Topic: 14965  Message: 14966

Frank...

The three holes are *NOT* in the mic element, they're in the microphone housing. Looking at the front of the mic, you see three. Looking at them from the inside, only two go through. After removing the mic element from the housing, there should be a "baffle" in the hole where the mic was. Turn the housing upside down and tap it on your table. The baffle should fall out.

73... Ed, W5EJ

----- Original Message -----
From: "Frank van Wensveen" <frankvw@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 9:40 AM
Subject: [FT100] Pre-modded mic?

> I tried to do the mic mod last week but much to my amazement I
> couldn't find the three small holes (one of which is blocked) that are
> supposed to be in the mic element. After removing the mic element I
> find it's covered by a rubber grommet with a 3mm hole in the center.
> Underneath is the mic element that is covered by a sort of textile.
> And I've never had complaints about my audio either.
>
> Are there different types of FT100 microphones around?
>
>
>
> 73,
>
> Frank PA3GMP
>
>
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> List owner: FT100-owner@yahoogroups.com
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>
>
>

>

# 14967. Mic mod testing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 16:12:11 UTC
From: Lee Devlin
Topic: 14952  Message: 14967

--- Dan K Nelson <w6dkn@...> wrote:
> I don't have any statistical data to back up this
> claim, just personal experience. I have been running
> the FT-100 since they were first released, and I
> never received an unsolicited "great audio" report
> with the stock mike. A few months ago, I did the
> mod, and since then I get one or two "great audio"
> comments every day. That's enough "proof" for me...

It's hard to argue with success. I am going to be running some experiments over the next few days. I took the mic from my wife's FT90 which is an MH36 and tried it out on the FT100. It looks pretty much identical to the MH36B (the standard FT100 USA mic) inside, except for a diode that looks to be a factory mod on the ground wire of the microphone element. I don't believe the diode has any effect on the dynamics of the audio, it's probably just there for DC reverse polarity protection. I have an FT1500 and even though its MH48 mic looks identical to the mics on the FT100 and FT90, it has a different pinout and doesn't have the IC inside to generate the DTFM tones. I reported on this in message 13199.

I tested the MH36 mic by setting up a recorder in the house and went out to the car and confirmed that the recordings sounded same as with the MH36B mic. Then I removed the baffle. The audio sounded a little brighter (that's "punchier" in ham parlance) but I haven't got a punch meter handy so I'll be swapping mics for the next few days and see how much better the audio reports are without the baffle. Ideally, I'd like to run an audio frequency sweep to see what kind of differences I can see in the spectrum. I know there's also the opening of the blind hole mod, but I'm not sure of its relative contribution to the improvement and I'm reluctant to try it since it can't as easily be undone. Maybe that will be the next step.

Incidentally, the recorder tests I performed showed me that the standard FT100 audio doesn't sound bad, as some have reported. I've read reports that some people can tell an FT100 mic on the air because it 'sounds like an FT100', whatever that means.

Do those of you who have done the mod notice an
improvement on all the audio modes (AM, FM, and SSB)
or does it only improve audio performance on one or
two of them?

=====
73,

Lee Devlin, K0LEE
Visit the FT100 FAQ at http://k0lee.com/ft100faq.html

_____
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http://fifaworldcup.yahoo.com

# 14968. RE: [FT100] Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 16:28:08 UTC
From: Denny AD6EZ
Topic: 14956  Message: 14968

Hi Andy -

I recently bought a Pro-5-4. It has a 1/4" plug for the audio (single earphone) and an 1/8" plug for the Mic. I had to buy the FT-100D adapter model AD-100 that connects to your FT-100(D) then I needed the adapter AD-1-Y connected in between the Pro-5-4 and the AD-100. Looking at the HM-10 you probably need the CC-1 and the AD-100. If you order from AES or HRO - they can advise you. It looks like the HM-10 has a PTT button like the Goldline.

The choice of the HC-4 or HC-5 is personal one. I chose the HC-4 for a clearer sound and less fidelity (full range sound) and I get great! Audio reports!!!

Hope this helps you out.

73 de Denny AD6EZ<><
(Another happy FT-100D user!)

-----Original Message-----
From: vhfradiobuff@... [mailto:vhfradiobuff@...]
Sent: Thursday, June 27, 2002 7:02 AM
To: ft100@yahoogroups.com
Subject: [FT100] Heil mike with FT-100D

Ok, a lot of you have told me you use the Heil HM10 mike with the FT-100D.
After looking it up, I see they sell it with the HC4 and/or the HC5. Which
should I get? Also, I've found a reference to needing a "CC-1 Connecting

Cable"? What's that? Is there some special adapter I need to use it with the
FT-100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14969. Re: Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 17:27:53 UTC
From: backhoefade
Topic: 14940  Message: 14969

Actually you have things turned around a bit. To make a base mic work, or for that matter, just about any mic other than the stock mic, you have to use an impedance transforming pre-amp since the FT-100(D) input Z is relatively low. You can read about it at http://hometown.aol.com/ampmicro
I started to go that route but then I tried the mic mod and the results were so good that I dropped the idea of "pre-amping" my D-104 and just stayed with the hand mic. What's great is that now you have an excellent mic for both base and mobile operation.
There's more info a http://www.mods.dk but the impedance mis-match issue is discussed at the "hometown.aol" site.
The mic mod is a little tedious - mainly you just have to be careful not to wreck the tiny electret mic element. Follow the instructions at mods.dk and the next message you will post here will be "wow, my transmit audio reports are excellent". Good luck!
73 N6AF Chas

--- In FT100@y..., vhfradiobuff@a... wrote:
> Can anyone tell me what the best base microphone is for the FT-100D? After
> reading about this mike mod that has to be done, it seems like I'd be better
> off just buying a base mike.. easier to use anyway...
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com

# 14970. Re: [FT100] Pre-modded mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 17:17:18 UTC
From: Frank van Wensveen
Topic: 14965  Message: 14970

On Thu, 27 Jun 2002 10:00:02 -0600, Ed, W5EJ wrote:

> The three holes are *NOT* in the mic element, they're in the microphone
> housing.
Aha! That explains it. Thanks!

73,

Frank PA3GMP

# 14971. Re: Mic mod testing

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 18:25:49 UTC
From: backhoefade
Topic: 14952  Message: 14971

My transmit audio reports improved on both AM and SSB. I have had comments on SSB such as "You're using an FT-100D ?!".
On AM (40 meters) I have been told I sound as good as some of the old boat anchor operators. So I have qualitative proof of the improvement on both AM and SSB.
On FM it seems I always received good audio reports even before doing the mod. And I've always received good reports with the mod on FM. I don't work very much FM so I don't have the qualitative 'database' I do with SSB/AM, but I'm sure a similar improvement occurred there too.
I am certain that if someone swept the audio response (assuming that the generator's output was properly leveled) that you would see the high freq roll-off greatly relieved with the modification done. You could sweep the audio generator frequency with a leveled source (speaker) in front of the mic and observe the tone amplitude at the final output of the transmitter as a function of frequency, with and without the mod. I suspect there may be another effect from that baffle other than just frequency response; something related to a resonance effect in the mic cavity when the baffle is present; akin to talking into a mailing tube, but I'm not sure.

Can you imagine if one of the Yaesu Tech's ever came clean with this group and posted everything he knew about the fan, the spurious, the transmit audio, etc. That would be one interesting posting.

Why Yaesu ever put that baffle in there just, well, it baffles me!

73 N6AF Chas

--- In FT100@y..., Lee Devlin <lee810@y...> wrote:
>
> --- Dan K Nelson <w6dkn@q...> wrote:
> > I don't have any statistical data to back up this
> > claim, just personal experience. I have been running
> > the FT-100 since they were first released, and I
> > never received an unsolicited "great audio" report
> > with the stock mike. A few months ago, I did the
> > mod, and since then I get one or two "great audio"
> > comments every day. That's enough "proof" for me...
>
> It's hard to argue with success. I am going to be
> running some experiments over the next few days. I
> took the mic from my wife's FT90 which is an MH36 and
> tried it out on the FT100. It looks pretty much
> identical to the MH36B (the standard FT100 USA mic)
> inside, except for a diode that looks to be a factory

> mod on the ground wire of the microphone element. I
> don't believe the diode has any effect on the dynamics
> of the audio, it's probably just there for DC reverse
> polarity protection. I have an FT1500 and even though
> its MH48 mic looks identical to the mics on the FT100
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> the IC inside to generate the DTFM tones. I reported
> on this in message 13199.
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> of differences I can see in the spectrum. I know
> there's also the opening of the blind hole mod, but
> I'm not sure of its relative contribution to the
> improvement and I'm reluctant to try it since it can't
> as easily be undone. Maybe that will be the next
> step.
>
> Incidentally, the recorder tests I performed showed me
> that the standard FT100 audio doesn't sound bad, as
> some have reported. I've read reports that some
> people can tell an FT100 mic on the air because it
> 'sounds like an FT100', whatever that means.
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> improvement on all the audio modes (AM, FM, and SSB)
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> two of them?
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> =====
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>
> Lee Devlin, K0LEE
> Visit the FT100 FAQ at http://k0lee.com/ft100faq.html
>
> _____
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# 14972. Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 18:44:32 UTC
From: n8wrl
Topic: 14972  Message: 14972

I'm looking for a way to easily remove my -100 from its mounting bracket in my car for use elsewhere. I'm using the stock screws right now but I wondered if anyone has had any luck with other arrangements - I was thinking of something like screws with the same thread/depth with thumb-wheels or something to make them easier to remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

# 14973. PSK output Now OK!! Thanks to ALL for the Help

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 18:47:18 UTC
From: ke2de
Topic: 14973  Message: 14973

Thanks Guys,

I used the many posts to check and isolate my setup and found Win98 was not putting out audio in the card and changed the setting to laptop from destop and also made sure the vox was off. I adjusted the mike drive also and the Rascal works great with my FT100D..See you on the air!

Thanks Again,
Earl
KE2DE

# 14974. Re: [FT100] Digest Number 1282

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 19:03:38 UTC
From: Dan K Nelson
Topic: 14974  Message: 14974

I use the Yaesu quick release bracket MMB-67. It is a small flat base and two "ears" that stay attached to the rig. A quicg tug, and the FT-100 just slides out of the base plate. The mount is inexpensive (around $30 if I remember correctly). I bought several of them - one for my regular vehicle, one for a shelf in my shack in the event I need to run the FT-100 in the house, and another for a "spare"...

73 de W6DKN

==========
Message: 25
Date: Thu, 27 Jun 2002 18:44:32 -0000
From: "n8wrl" <n8wrl@arrl.net>
Subject: Thumbwheels for mounting?

I'm looking for a way to easily remove my -100 from its mounting bracket in my car for use elsewhere. I'm using the stock screws right now but I wondered if anyone has had any luck with other arrangements - I was thinking of something like screws with the same thread/depth with thumb-wheels or something to make them easier to remove.

Any ideas?

Thanks es 73!

-Brian n8wrl
==========

# 14975. Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 19:28:44 UTC
From: Pres Waterman
Topic: 14972  Message: 14975

> 
> I'm looking for a way to easily remove my -100 from its mounting
> bracket in my car for use elsewhere. I'm using the stock screws
> right now but I wondered if anyone has had any luck with other
> arrangements - I was thinking of something like screws with the same
> thread/depth with thumb-wheels or something to make them easier to
> remove.
> 
> Any ideas?
> 

Go to a Truck Stop/CB shop. Look for replacement thumbscrews. They are 4mm diameter.

Then find 6mm nuts. Screw them all the way onto the thumbscrews as permanent washers, because the thumbscrews cannot be longer than 6mm length. Or, grind off some length to make a 4mmX6mm long thumbscrew. The nut you put on before allows you to rip off the burrs produced when you remove it.

I did this from my local Electronics Emporium http://www.tandmelectronics.com and I got about 8: 4 for my FT-90 and 4 for my FT-100

Now if we can just solve that darn remote-head-cable-connector dilemma

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14976. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 19:46:36 UTC
From: Brian, N8WRL
Topic: 14972  Message: 14976

Thanks Pres! I'll stop by a truck stop on one of my frequent Atlanta trips (that's where the 100 gets its workout!)

-Brian n8wrl
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Thursday, June 27, 2002 3:28 PM
Subject: [FT100] Thumbwheels for mounting?

> I'm looking for a way to easily remove my -100 from its mounting
> bracket in my car for use elsewhere. I'm using the stock screws
> right now but I wondered if anyone has had any luck with other
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I did this from my local Electronics Emporium http://www.tandmelectronics.com and I got about 8: 4 for my FT-90 and 4 for my FT-100

Now if we can just solve that darn remote-head-cable-connector dilemma

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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[Non-text portions of this message have been removed]

# 14977. Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 20:29:01 UTC
From: Ed Juge/NM
Topic: 14977  Message: 14977

Did I miss something in the manual? It appears to me the FT-100's mic gain and compression level settings don't work like those in the rest of the world. It looks like both of them are microphone gain controls... one that works when the processor is on and one works when it is off.

With the processor on, my "mic gain" control has absolutely no effect (whether set at 0 or 100), and the "Compression Level" control will run the mic gain from zero to distortion and beyond. With the processor off, the compression level has no effect (0 to 100) and the mic gain will control the audio level.

Very interesting and probably more practical than a mic gain control that's always active and can need touching up when you turn the processor on or off.

Further information from our testing...

In listening to my own signal and having a friend listen from a distance, both of us also noted that turning the processor ON makes the audio noticeably brighter, with fewer lows. That's 180 degrees away from the way most processors work. BTW, this is all AFTER the microphone modifications.

We also checked the TX carrier settings (menus 64 and 65). On USB --15 meters-- my friend reported a setting of -200 resulted in noticeably improved audio quality with my voice. For some unknown reason, when we switched to LSB --still on 15 meters-- the TX LSB Carrier setting made no difference. Maybe we should have tried it on a band where LSB is the normal mode.

Anyway, the above is offered for whatever use it might be for other FT-100D owners.

73... Ed, W5EJ

From: ----------
Ed Juge
Ruidoso, New Mexico
email: ed@...
Phone: 505-258-1721
Cell: 505-430-7209
==========

[Non-text portions of this message have been removed]

# 14978. Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 20:51:31 UTC
From: backhoefade
Topic: 14977  Message: 14978

Maybe you read one of my earlier discussions about the processor in the FT-100(D). The compression percentage is a fixed level. You can't adjust the degree of compression. The User's Manual is inaccurate in a couple places where it states that you can adjust the compression amount.
Fact is, the level setting "within" the PRO button is simply a separate mic gain setting which overrides the normal mic gain setting anytime you have the PROcessor enabled. You can prove this by enabling the PROcessor and then turning the regular mic gain setting down to zero. It has no effect whatsoever when the PRO is on.
As far as actual practical settings, given that you have done the mic modification, I found that a setting between 50 and 55 is good for SSB. If you turn on the processor, same thing, except you set the level "within" the PRO function (I think it's called Comp Lev or similar) to 50 to 55 in SSB. For AM operation you set the mic gain to 17, or if you use the processor, you set the level within the PRO function to 17 as well. That's all there is to it.
I find it a bit discouraging that the Manual is completely wrong in its description of the compression level control. Maybe the design engineers' original intent was to make that control a compression setting and the Tech Publications department wrote it up like that. But in the final release the compression percentage is unchangeable. I verified that by viewing the approximate peak to average power ratio in the envelope of the transmit signal with the PRO on and off. I think it was about 14% or so compression. And when I varied the "compression level" setting there was absolutely no change in the compression percentage; only a change in the overall output power (peak and average), just as it changes when you vary the "mic gain" when the PROcessor is disabled. This is just one more quirk that we bump into along the learning curve with the FT-100D. There is some info regarding AM operation at http://www.mods.dk

73 N6AF Chas

--- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
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> Further information from our testing...
>
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> Anyway, the above is offered for whatever use it might be for other FT-100D owners.
>
> 73... Ed, W5EJ
>
> From: ----------
> Ed Juge
> Ruidoso, New Mexico
> email: ed@j...
> Phone: 505-258-1721
> Cell: 505-430-7209
> ==========
>
>
> [Non-text portions of this message have been removed]

# 14979. Re: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 21:48:46 UTC
From: Ed Juge/NM
Topic: 14977  Message: 14979

Thanks for verifying what I thought I had found, Charles. That is strange, compared to the way other radios work, but okay as long as I know what I'm working with. We found the mic gain and compression settings worked best just about where you did.

No, sorry, I didn't read your earlier message... I'm a newby on this reflector... just a few days now.

Cheers... Ed, W5EJ

PS -- there has to be a story behind your "alias"!

----- Original Message -----
From: "backhoefade" <cgarner@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 2:51 PM
Subject: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

> Maybe you read one of my earlier discussions about the processor in
> the FT-100(D). The compression percentage is a fixed level. You
> can't adjust the degree of compression. The User's Manual is
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>
> 73 N6AF Chas
>
>
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> > Ed Juge
> > Ruidoso, New Mexico
> > email: ed@j...

> > Phone: 505-258-1721
> > Cell: 505-430-7209
> > ====================
> >
> >
> > [Non-text portions of this message have been removed]
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# 14980. FT100 birdies and warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 22:54:28 UTC
From: Peter van Daalen
Topic: 14980  Message: 14980

Hi all.

The day after tomorrow my FT100 warranty ends. ( I use the set only the last 2 months... ).
Tomorrow I will ask for the fan and swr mod ( though no problems with such as so far... ).

However, how many birdies and how strong are " normal " ?
( Once I used a 20K Rohde & Schwarz receiver and even that one had some.....though very few and not loud ).

But, my FT100 has over 200 birdies ( between 1.8 and 144 Mhz. Above 2 meter I stopped counting.)
The S is between 0 and 2 ( most of them ), part of them are S3-5 and over 20 birdies are horribly loud i.e. >S6 and a few even cross the S9 border..... ).
I love this little box and I am very forgiving for its ( many ) imperfections but yet I presume these birdies are not regular.

So, what birdies ( how many and how loud ) are " normal " in our FT100 ?
What can I complaint about and require warranty repair of ?
Sorry for " high prority " of this posting but tomorrow .. etc... see above :-)

Thanks for any help.

Peter, PE1ECM

[Non-text portions of this message have been removed]

# 14981. Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 23:33:09 UTC
From: backhoefade
Topic: 14977  Message: 14981

The story behind the alias is that I work a lot of CW and just got into the habit of signing with Chas. The story behind how I got N6AF for my call is more interesting.
73 N6AF Charles Chuck Chas Chuckarles Your choice.

--- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
> Thanks for verifying what I thought I had found, Charles. That is strange,
> compared to the way other radios work, but okay as long as I know what I'm
> working with. We found the mic gain and compression settings worked best
> just about where you did.
>
> No, sorry, I didn't read your earlier message... I'm a newby on this
> reflector... just a few days now.
>
> Cheers... Ed, W5EJ
>
> PS -- there has to be a story behind your "alias"!
>
>

# 14982. Re: FT100 birdies and warranty

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 23:39:04 UTC
From: backhoefade
Topic: 14980  Message: 14982

Sounds like you've got a full aviary there. I suggest you point this out to Yaesu when you send it in for the other mods and tell Yaesu to "get the flock outta there"!
73 N6AF Chas

--- In FT100@y..., "Peter van Daalen" <vandaalen@c...> wrote:
> Hi all.
>
> The day after tomorrow my FT100 warranty ends. ( I use the set only the last 2 months... ).
> Tomorrow I will ask for the fan and swr mod ( though no problems with such as so far... ).
>
> However, how many birdies and how strong are " normal " ?
> ( Once I used a 20K Rohde & Schwarz receiver and even that one had some.....though very few and not loud ).
>
> But, my FT100 has over 200 birdies ( between 1.8 and 144 Mhz. Above 2 meter I stopped counting.)
> The S is between 0 and 2 ( most of them ), part of them are S3-5 and over 20 birdies are horribly loud i.e. >S6 and a few even cross the S9 border..... ).
> I love this little box and I am very forgiving for its ( many ) imperfections but yet I presume these birdies are not regular.
>
> So, what birdies ( how many and how loud ) are " normal " in our FT100 ?
> What can I complaint about and require warranty repair of ?
> Sorry for " high prority " of this posting but tomorrow .. etc... see above :-)
>
> Thanks for any help.
>
> Peter, PE1ECM
>
>
>
>
> [Non-text portions of this message have been removed]

# 14983. Re: [FT100] Pre-modded mic?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 00:00:20 UTC
From: G1ITV
Topic: 14965  Message: 14983

Frank,

NOT the same mic here in Europe.

Ken G1ITV

----- Original Message -----
From: Frank van Wensveen <frankvw@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 4:40 PM
Subject: [FT100] Pre-modded mic?

> I tried to do the mic mod last week but much to my amazement I
> couldn't find the three small holes (one of which is blocked) that are
> supposed to be in the mic element. After removing the mic element I
> find it's covered by a rubber grommet with a 3mm hole in the center.
> Underneath is the mic element that is covered by a sort of textile.
> And I've never had complaints about my audio either.
>
> Are there different types of FT100 microphones around?
>
>
>
> 73,
>
> Frank PA3GMP
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 14984. Re: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 01:17:19 UTC
From: Ed Juge/NM
Topic: 14977  Message: 14984

No, sorry, I meant "backhoefade"

Ed
----- Original Message -----
From: "backhoefade" <cgarner@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 5:33 PM
Subject: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

> The story behind the alias is that I work a lot of CW and just got
> into the habit of signing with Chas. The story behind how I got N6AF
> for my call is more interesting.
> 73 N6AF Charles Chuck Chas Chuckarles Your choice.
>
>
> --- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
> > Thanks for verifying what I thought I had found, Charles. That is
> strange,
> > compared to the way other radios work, but okay as long as I know
> what I'm
> > working with. We found the mic gain and compression settings
> worked best
> > just about where you did.
> >
> > No, sorry, I didn't read your earlier message... I'm a newby on this
> > reflector... just a few days now.
> >
> > Cheers... Ed, W5EJ
> >
> > PS -- there has to be a story behind your "alias"!
> >
> >
>
>
>
> Post message: FT100@yahoogroups.com
> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as possible.
>

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>
>
>
>
>

# 14985. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:00:06 UTC
From: Howard Cunningham
Topic: 14972  Message: 14985

Have you tried the quick release bracket for the FT100?

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> n8wrl@... 06/27/02 02:44PM >>>
I'm looking for a way to easily remove my -100 from its mounting bracket in my car for use elsewhere. I'm using the stock screws right now but I wondered if anyone has had any luck with other arrangements - I was thinking of something like screws with the same thread/depth with thumb-wheels or something to make them easier to remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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# 14986. tuning knob/rotary encoder breaking

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:13:53 UTC
From: kc7gsg
Topic: 14986  Message: 14986

Anyone had the rotary encoder loosen up or break? (The rotary encoder is the mechanism behing the large tuning knob, I didn't know the name of it until I needed one!) I dropped my control head and broke my original one. Yaesu was pretty quick about getting me a new one. Problem is that it only lasted about 2 months. I have the head remote mounted on the dashboard of my service van. I think the weight of the knob and the vibration of the van is wearing out the rotary encoder prematurely. Yaesu is sending a replacement under warranty, that's cool. I'm thinking of drilling some mass out of the tuning knob to lessen the stress on the encoder. It's a solid piece of brass. Anybody have any other ideas? I would appreciate it.

Thanks,

Sean

# 14987. Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:13:57 UTC
From: backhoefade
Topic: 14977  Message: 14987

"Backhoe fade" is a term used to describe a failure in a buried
telecom line, generally optical fiber. It really happens from time
to time. The tractor, after a few bites, cuts the cable. The "fade"
part of the term comes from microwave radio parlance, referring to
periods when the recieve signal drops below its nominal unfaded level
for any of a number of reasons, generally refractive or reflective
selective fading effects below about 13 GHz and rain attenuation at
higher freqs.

73 N6AF Chas

--- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
> No, sorry, I meant "backhoefade"
>
> Ed
> ----- Original Message -----
> From: "backhoefade" <cgarner@h...>
> To: <FT100@y...>
> Sent: Thursday, June 27, 2002 5:33 PM
> Subject: [FT100] Re: Mic Gain vs. Compression Level, settings for
best SSB
> audio, etc.
>
>
> > The story behind the alias is that I work a lot of CW and just got
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> > 73 N6AF Charles Chuck Chas Chuckarles Your choice.
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> > --- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
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> > what I'm
> > > working with. We found the mic gain and compression settings
> > worked best
> > > just about where you did.
> > >
> > > No, sorry, I didn't read your earlier message... I'm a newby on
this
> > > reflector... just a few days now.

> > >
> > > Cheers... Ed, W5EJ
> > >
> > > PS -- there has to be a story behind your "alias"!
> > >
> > >
> >
> >
> >
> > Post message: FT100@y...
> > Subscribe: FT100-subscribe@y...
> > Unsubscribe: FT100-unsubscribe@y...
> > List owner: FT100-owner@y...
> > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> >
> > We are all a part of this Lets make it as good as possible.
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> >

# 14988. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:18:38 UTC
From: Brian, N8WRL
Topic: 14972  Message: 14988

Didn't know about that one - I'll have to check it out. Thanks!

-Brian n8wrl
----- Original Message -----
From: Howard Cunningham
To: FT100@yahoogroups.com
Sent: Friday, June 28, 2002 12:00 AM
Subject: Re: [FT100] Thumbwheels for mounting?

Have you tried the quick release bracket for the FT100?

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> n8wrl@... 06/27/02 02:44PM >>>
I'm looking for a way to easily remove my -100 from its mounting
bracket in my car for use elsewhere. I'm using the stock screws
right now but I wondered if anyone has had any luck with other
arrangements - I was thinking of something like screws with the same
thread/depth with thumb-wheels or something to make them easier to
remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

# 14989. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:17:46 UTC
From: Dick Thompson
Topic: 14972  Message: 14989

Brian, just buy a Yaesu Quick Release mount. Works slick and does what you want to do without hassling with thumb screws.

73,

Dick
WB0DUL@...t
----- Original Message -----
From: Brian, N8WRL
To: FT100@yahoogroups.com
Sent: Thursday, June 27, 2002 1:46 PM
Subject: Re: [FT100] Thumbwheels for mounting?

Thanks Pres! I'll stop by a truck stop on one of my frequent Atlanta trips (that's where the 100 gets its workout!)

-Brian n8wrl
----- Original Message -----
From: Pres Waterman
To: FT100@yahoogroups.com
Sent: Thursday, June 27, 2002 3:28 PM
Subject: [FT100] Thumbwheels for mounting?

> I'm looking for a way to easily remove my -100 from its mounting
> bracket in my car for use elsewhere. I'm using the stock screws
> right now but I wondered if anyone has had any luck with other
> arrangements - I was thinking of something like screws with the same
> thread/depth with thumb-wheels or something to make them easier to
> remove.
>
> Any ideas?
>

Go to a Truck Stop/CB shop. Look for replacement thumbscrews. They are 4mm diameter.

Then find 6mm nuts. Screw them all the way onto the thumbscrews as permanent washers, because the thumbscrews cannot be longer than 6mm length. Or, grind off some length to make a 4mmX6mm long thumbscrew. The nut you put on before allows you to rip off the burrs produced when you remove it.

I did this from my local Electronics Emporium http://www.tandmelectronics.com and I got about 8: 4 for my FT-90 and 4 for my FT-100

Now if we can just solve that darn remote-head-cable-connector dilemma

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

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[Non-text portions of this message have been removed]

# 14990. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 04:45:48 UTC
From: Dick Thompson
Topic: 14972  Message: 14990

Any dealer can get one for you. HRO has them, as does AES and many of the others. A little more expensive than thumb screws (about $24 if I recall). You just put a couple of small "wings" in the 100D, then put the base in your vehicle. The radio just slips in and clicks in place. A little jerk to remove it and it's out. I use the quick release all the time and leave the little things that attach to the rig in place. They are almost invisible.

Like I said, it sure would beat the hassle of messing with thumb screws. But then, I'm basically lazy. :)

73,

Dick
WB0DUL@...
----- Original Message -----
From: Brian, N8WRL
To: FT100@yahoogroups.com
Sent: Thursday, June 27, 2002 10:18 PM
Subject: Re: [FT100] Thumbwheels for mounting?

Didn't know about that one - I'll have to check it out. Thanks!

-Brian n8wrl
----- Original Message -----
From: Howard Cunningham
To: FT100@yahoogroups.com
Sent: Friday, June 28, 2002 12:00 AM
Subject: Re: [FT100] Thumbwheels for mounting?

Have you tried the quick release bracket for the FT100?

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> n8wrl@... 06/27/02 02:44PM >>>
I'm looking for a way to easily remove my -100 from its mounting
bracket in my car for use elsewhere. I'm using the stock screws
right now but I wondered if anyone has had any luck with other

arrangements - I was thinking of something like screws with the same thread/depth with thumb-wheels or something to make them easier to remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 14991. Re: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 05:03:22 UTC
From: Howard Cunningham
Topic: 14972  Message: 14991

I have one, it is actually a slide bracket for the FT100 and works well. I dont remember the part number but it is listed in the manual.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> n8wrl@... 06/28/02 12:18AM >>>
Didn't know about that one - I'll have to check it out. Thanks!

-Brian n8wrl
----- Original Message -----
From: Howard Cunningham
To: FT100@yahoogroups.com
Sent: Friday, June 28, 2002 12:00 AM
Subject: Re: [FT100] Thumbwheels for mounting?

Have you tried the quick release bracket for the FT100?

hc

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howardc@...
for service: service@...

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right now but I wondered if anyone has had any luck with other
arrangements - I was thinking of something like screws with the same

thread/depth with thumb-wheels or something to make them easier to
remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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[Non-text portions of this message have been removed]

Post message: FT100@yahoogroups.com
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# 14992. RE: [FT100] Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 07:17:47 UTC
From: Eric van de Weyer
Topic: 14972  Message: 14992

Hi Brian,

I had some wing nuts of the correct thread (M4) into which I screwed some M4 bolts from the wrong side. I screwed them down hard so that the heads locked into the wings. I then cut off the bolts so that they ended up the same length as the originals. They make the perfect wing bolts.

73....Eric VK2KUR
-----Original Message-----
From: n8wrl [mailto:n8wrl@...]
Sent: Friday, 28 June 2002 04:45
To: FT100@yahoogroups.com
Subject: [FT100] Thumbwheels for mounting?

I'm looking for a way to easily remove my -100 from its mounting bracket in my car for use elsewhere. I'm using the stock screws right now but I wondered if anyone has had any luck with other arrangements - I was thinking of something like screws with the same thread/depth with thumb-wheels or something to make them easier to remove.

Any ideas?

Thanks es 73!

-Brian n8wrl

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[Non-text portions of this message have been removed]

# 14993. Thumbwheels for mounting?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 12:13:47 UTC
From: Pres Waterman
Topic: 14972  Message: 14993

Eh. Replace the phrase "6mm nuts" with "4mm nuts" to fit the 4mm thumbscrews as washers to LIMIT the thread depth to 6mm!

Go to a Truck Stop/CB shop. Look for replacement thumbscrews. They are 4mm diameter.

Then find 6mm nuts. Screw them all the way onto the thumbscrews as permanent washers, because the thumbscrews cannot be longer than 6mm length.

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14994. Re: [FT100] Digest Number 1283

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 12:14:20 UTC
From: Pres Waterman
Topic: 14994  Message: 14994

No, sorry, I meant "backhoefade"

I have been wondering about this too

Thanks

Pres Waterman W2PW
c/o Patchogue Motors, Inc.
Long Island Ford and Kia dealer

GO BILLS!
???

# 14995. Re: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB audio, etc.

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 13:05:55 UTC
From: Ed Juge/NM
Topic: 14977  Message: 14995

Thanks, Chas.! Very interesting. Never heard of the term before. I
learned something today.

Ed, W5EJ

----- Original Message -----
From: "backhoefade" <cgarner@...>
To: <FT100@yahoogroups.com>
Sent: Thursday, June 27, 2002 10:13 PM
Subject: [FT100] Re: Mic Gain vs. Compression Level, settings for best SSB
audio, etc.

> "Backhoe fade" is a term used to describe a failure in a buried
> telecom line, generally optical fiber. It really happens from time
> to time. The tractor, after a few bites, cuts the cable. The "fade"
> part of the term comes from microwave radio parlance, referring to
> periods when the recieve signal drops below its nominal unfaded level
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> selective fading effects below about 13 GHz and rain attenuation at
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> 73 N6AF Chas
>
> --- In FT100@y..., "Ed Juge/NM" <ed@j...> wrote:
> > No, sorry, I meant "backhoefade"
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> > Ed
> > ----- Original Message -----
> > From: "backhoefade" <cgarner@h...>
> > To: <FT100@y...>
> > Sent: Thursday, June 27, 2002 5:33 PM
> > Subject: [FT100] Re: Mic Gain vs. Compression Level, settings for
> best SSB
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> >
> >
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> > > 73 N6AF Charles Chuck Chas Chuckarles Your choice.
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> > >
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> > > > just about where you did.
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> > > > No, sorry, I didn't read your earlier message... I'm a newby on
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> > > > reflector... just a few days now.
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> > > Post message: FT100@y...
> > > Subscribe: FT100-subscribe@y...
> > > Unsubscribe: FT100-unsubscribe@y...
> > > List owner: FT100-owner@y...
> > > FAQ on WWW: http://www.k0lee.com/ft100faq.html
> > >
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# 14996. AW: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-27 19:23:04 UTC
From: 35IR184/35SD184/35LD184
Topic: 14940  Message: 14996

Hi all FM´s!

I orderd the Heil Pro Set with the HC5 mic element.
I can only say that I get 5++++ reports on my audio...
So the HC5 element seems to be working GREAT on the FT100....

So my advise is go and get a Heil Microphone, wheater desk mike or
headset both work perfect on this little baby... :-)))

73´s from Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: Howard Cunningham [mailto:howardc@...]
Gesendet: Donnerstag, 27. Juni 2002 13:41
An: FT100@yahoogroups.com
Betreff: Re: [FT100] Best base mike for FT100D?

When Yaseu said that the MD100 does not work with the FT100, I bought
the Heil HM10

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
www.macrollc.com

howardc@...
for service: service@...

>>> vhfradiobuff@... 06/26/02 11:42PM >>>
Anyone have any opinions on the Yaesu MD100 microphone for use with the
FT100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
http://vhfradiobuff.tripod.com

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
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# 14997. Fwd: Base microphone with FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 19:27:31 UTC
From: vhfradiobuff@aol.com
Topic: 14997  Message: 14997

Just figured I'd forward this to the group. Someone mentioned that the MD-100 doesn't work with the FT-100D, but here it is straight from the horses mouth...

[Non-text portions of this message have been removed]

# 14998. Re: [FT100] Fwd: Base microphone with FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 19:33:51 UTC
From: vhfradiobuff@aol.com
Topic: 14997  Message: 14998

Oops, guess it tried to make it an attachment instead of a standard FWD. Here's the email I got... Subj: RE: Base microphone with FT-100D? Date: 6/28/2002 11:22:35 AM Eastern Daylight Time From: amateurtech@... Reply-to: m.park@... To: VHFRadioBuff@... Sent from the Internet (Details) Hello The MD-100 is a desk mic that works with the FT 100D.You'll have PTT,Up and down scan and filter . -----Original Message----- From: VHFRadioBuff@... [mailto:VHFRadioBuff@...] Sent: Friday, June 28, 2002 4:32 AM To: amateurtech@... Subject: Base microphone with FT-100D? Can you tell me if Yaesu makes a base microphone that works with the FT-100D? [Non-text portions of this message have been removed]

# 14999. Re: Fwd: Base microphone with FT-100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 20:01:00 UTC
From: backhoefade
Topic: 14997  Message: 14999

That's really a bit misleading; horses have a different vocal
content as compared with the typical ham.........
N6AF Chas

--- In FT100@y..., vhfradiobuff@a... wrote:
> Just figured I'd forward this to the group. Someone mentioned that
the MD-100
> doesn't work with the FT-100D, but here it is straight from the
horses
> mouth...
>
>
> [Non-text portions of this message have been removed]

# 15000. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 03:39:27 UTC
From: Craig Maxson
Topic: 14920  Message: 15000

Being spurred on by the volumes of positive traffic on this site associated with these mods, I did both this morning. Both worked as "advertised".

Thanks Guys,

Craig - K5VMI

P.S. I used a 47 ohm / 1W resistor

---
Do You Yahoo!?
Sign-up for Video Highlights of 2002 FIFA World Cup

[Non-text portions of this message have been removed]

# 15001. ACS = Automatic Code Screw-Up

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 12:08:42 UTC
From: ke9v
Topic: 15001  Message: 15001

Been enjoying the FT-100D on phone, but I really enjoy using CW.

Every attempt to use the new rig on CW has caused me to cuss the goofy keyer. Last night I was ready to chuck the rig into the backyard. The keyer just seemed determined to make my sending sound awful. Fiddling with dot and dash spacing was getting me nowhere.

So I did some digging in the manual and noticed the keyer setting (menu #46) was on EL2.

The manual says this is the "Automatic Character Spacing" feature and it is enabled by default.

Aha! That was the problem I was having ... I would be merrily sending when for no apparent reason the character spacing would goof up one or two letters in a word, which would totally screw me up.

Disabling this "feature" by setting menu #46 to EL1 took care of the problem. I actually enjoyed a long, late evening on CW last night with my FT-100D!

I realize that this was simply a case of "operator error" on my part, but for the life of me I can't imagine how ACS could be considered a "feature". More like a serious liability if you ask me...

Just thought I would pass this along in case there are other 100D newbies like me who are convinced that this rig won't work on CW with the internal keyer.

73, Jeff

# 15002. Re: [FT100] Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 16:18:16 UTC
From: Michael Ziebell
Topic: 14956  Message: 15002

Dick you said that the connector is a RJ45. Look real
close I think you have a RJ12 a 6pin connector? I
double checked mine and it's a 6 pin, so unless Yaesu
has switched connectors don't make that mistake.
73
Mike -- KG6JMM
--- Dick Thompson <wb0dul@...> wrote:
> Andy, I'm not sure of which cartridge you should
> order for the Heil mic. But I think the cable you
> mentioned is a cable that has a standard mic
> connection on one end (8 pin, screw on type) that
> you can screw the mic onto. The other end of the
> cable probably has the RJ45 end that mates with the
> FT-100D. If I'm wrong I'm sure I'll hear about it.
> :)
>
> 73,
>
> Dick
> WB0DUL@...
> ----- Original Message -----
> From: vhfradiobuff@...
> To: ft100@yahoogroups.com
> Sent: Thursday, June 27, 2002 8:02 AM
> Subject: [FT100] Heil mike with FT-100D
>
>
> Ok, a lot of you have told me you use the Heil
> HM10 mike with the FT-100D.
> After looking it up, I see they sell it with the
> HC4 and/or the HC5. Which
> should I get? Also, I've found a reference to
> needing a "CC-1 Connecting
> Cable"? What's that? Is there some special adapter
> I need to use it with the
> FT-100D?
>
> =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> Beachwood, NJ USA! Grid FM29vw
> http://vhfradiobuff.tripod.com
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> FAQ on WWW:
> http://www.k0lee.com/ft100faq.html
>
> We are all a part of this Lets make it as good as
> possible.
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>
> ------------------------ Yahoo! Groups Sponsor
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_____
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http://fifaworldcup.yahoo.com

# 15003. Re: AW: [FT100] Best base mike for FT100D?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 16:20:02 UTC
From: Howard Cunningham
Topic: 14940  Message: 15003

Hi

Another advantage for the Heil mics (except for the ICOM specific models) is that all you need to change to use the mic on a dfferent rig, is change the adapter. I use my MH10 and BM10 on my FT100 and FT847.

hc

Howard Cunningham
MACRO Systems, LLC
3867 Plaza Drive
Fairfax, VA 22030

(703) 359-9211
(703) 591-0446 (F)
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howardc@...
for service: service@...

>>> 35AT184@... 06/27/02 03:23PM >>>
Hi all FM s!

I orderd the Heil Pro Set with the HC5 mic element.
I can only say that I get 5++++ reports on my audio...
So the HC5 element seems to be working GREAT on the FT100....

So my advise is go and get a Heil Microphone, wheater desk mike or headset both work perfect on this little baby... :-)))

73 s from Chris OE5CSP

-----Ursprüngliche Nachricht-----
Von: Howard Cunningham [mailto:howardc@...]
Gesendet: Donnerstag, 27. Juni 2002 13:41
An: FT100@yahoogroups.com
Betreff: Re: [FT100] Best base mike for FT100D?

When Yaseu said that the MD100 does not work with the FT100, I bought the Heil HM10

hc

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howardc@...
for service: service@...

>>> vhfradiobuff@aol.com 06/26/02 11:42PM >>>
Anyone have any opinions on the Yaesu MD100 microphone for use with the FT100D?

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
Beachwood, NJ USA! Grid FM29vw
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# 15004. Re: Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 16:28:28 UTC
From: robashman6178
Topic: 14956  Message: 15004

Is the plug not an RJ11?
--- In FT100@y..., Michael Ziebell <mjziebell@y...> wrote:
> Dick you said that the connector is a RJ45. Look real
> close I think you have a RJ12 a 6pin connector? I
> double checked mine and it's a 6 pin, so unless Yaesu
> has switched connectors don't make that mistake.
> 73
> Mike -- KG6JMM
> --- Dick Thompson <wb0dul@a...> wrote:
> > Andy, I'm not sure of which cartridge you should
> > order for the Heil mic. But I think the cable you
> > mentioned is a cable that has a standard mic
> > connection on one end (8 pin, screw on type) that
> > you can screw the mic onto. The other end of the
> > cable probably has the RJ45 end that mates with the
> > FT-100D. If I'm wrong I'm sure I'll hear about it.
> > :)
> >
> > 73,
> >
> > Dick
> > WB0DUL@a...
> > ----- Original Message -----
> > From: vhfradiobuff@a...
> > To: ft100@y...
> > Sent: Thursday, June 27, 2002 8:02 AM
> > Subject: [FT100] Heil mike with FT-100D
> >
> >
> > Ok, a lot of you have told me you use the Heil
> > HM10 mike with the FT-100D.
> > After looking it up, I see they sell it with the
> > HC4 and/or the HC5. Which
> > should I get? Also, I've found a reference to
> > needing a "CC-1 Connecting
> > Cable"? What's that? Is there some special adapter
> > I need to use it with the
> > FT-100D?
> >
> > =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
> > 73! de Andy KC2SSB (ex: KF4KHC/HL9HCT)
> > Beachwood, NJ USA! Grid FM29vw
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> > [Non-text portions of this message have been
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>
> ~-------------------------------------------------
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> http://fifaworldcup.yahoo.com

# 15005. Mike Mod - YAT

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 17:24:18 UTC
From: ke9v
Topic: 15005  Message: 15005

YAT = Yet Another Testimonial

I duly reported here a few nights ago that I had made the recommended modification to the hand microphone.

I worked a mobile station this morning (K0PP/6) and when I told him that I was using an FT-100D his next question was, "what microphone are you using?" He nearly didn't believe me when I told him I was using the stock microphone.

He offered that he had worked a "lot of FT-100Ds" and mine had the "best audio he had ever heard".

I realize it's only circumstancial evidence, but it's good enough for me! :-)

Jeff, KE9V

# 15006. New file uploaded to FT100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 20:18:18 UTC
From: FT100@yahoogroups.com
Topic: 4316  Message: 15006

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT100
group.

File : /visit.gif
Uploaded by : worldwidemd <worldwidemd@...>
Description :

You can access this file at the URL

http://groups.yahoo.com/group/FT100/files/visit.gif

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

worldwidemd <worldwidemd@...>

# 15007. Power levels on 144.100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-29 21:37:14 UTC
From: n2lbt
Topic: 15007  Message: 15007

I'm cosidering purchasing a FT100D, the current cupon deal seems to be a great. I've been meaning to replace the IF rig on my mobile microwave station, and get a mobile HFrig out of it. I'm currently set up for 30db drive on all bands. Could someone tell me the approximate power levels for the FT100? If anyone is running it at the 1 watt level, is it stable there?

Dennis, N2LBT/VE2/R

www.n2lbt.com

# 15008. FT100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 00:02:28 UTC
From: CQCQDXCQ@aol.com
Topic: 3380  Message: 15008

Hello folks, I've had an FT100 for a couple years and its been trouble free, now I'm worried I haven't been using it right.
Anyway the real message I have is, a FT100D for sale, this radio is part of an estate, I programed and installed the radio for WG7GSG, he is a silent key now. He never used it more than a couple times before he died. There is also the infamous antenna available also. Anyone who has a desire can E mail at above address.
73

[Non-text portions of this message have been removed]

# 15009. CD with information and demo programs to help you with your FT-100(D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 05:21:47 UTC
From: Ham_Tech@juno.com
Topic: 15009  Message: 15009

Hi ladies and gents,

This is my second time back on this group. Name here is Daniel.

I would like to offer those on this group, a CD (700MB), filled with lots of weblinks, FREE demo logging/PC-rig control programs from the internet, and lots of information on how you can better use your FT-100(D). Even with the mods that are available on K0LEE's website, (granted I have his permission), and maybe the manuals/schematics. This will allow those away from the internet and home/office to use this on their PCs. Granted I know that not all of you have laptops.

If you as a member of this group are interested in this, please email me direct. I will try to find out how much money it will cost for me to send you the CD via Priority Mail, whichever is the cheapest, but most protective of the CD. Then I will send you the CD as soon as I have the Money Order or Check from you.

Along with the email you send me direct, please include weblinks, links to some of your favorite photos, and anything you would like to have on the CD. This will allow me to access these items from home on the internet. I will also add some of my own favorites.

Email direct to: ham_tech@...

Daniel

# 15010. Re: [FT100] CD with information and demo programs to help you with your FT-100(D)

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 03:03:44 UTC
From: Einar Carlsen
Topic: 15009  Message: 15010

Daniel, I am interested in your offer. let me know as soon as you gather the cost info and I will buy into it.
Einar VE7BAQ
----- Original Message -----
From: Ham_Tech@...
To: FT100@yahoogroups.com
Sent: Saturday, June 29, 2002 22:21 PM
Subject: [FT100] CD with information and demo programs to help you with your FT-100(D)

Hi ladies and gents,

This is my second time back on this group. Name here is Daniel.

I would like to offer those on this group, a CD (700MB), filled with lots of weblinks, FREE demo logging/PC-rig control programs from the internet, and lots of information on how you can better use your FT-100(D). Even with the mods that are available on K0LEE's website, (granted I have his permission), and maybe the manuals/schematics. This will allow those away from the internet and home/office to use this on their PCs. Granted I know that not all of you have laptops.

If you as a member of this group are interested in this, please email me direct. I will try to find out how much money it will cost for me to send you the CD via Priority Mail, whichever is the cheapest, but most protective of the CD. Then I will send you the CD as soon as I have the Money Order or Check from you.

Along with the email you send me direct, please include weblinks, links to some of your favorite photos, and anything you would like to have on the CD. This will allow me to access these items from home on the internet. I will also add some of my own favorites.

Email direct to: ham_tech@...

Daniel

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

We are all a part of this Lets make it as good as possible.

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 15011. Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 03:47:15 UTC
From: ft100guy
Topic: 14920  Message: 15011

> In a message dated 6/27/2002 1:02:06 AM Eastern Daylight Time,
> lee810@y... writes:
>
>
> > The thing that most intrigues me about the mic mod is
> > that the people who do it cannot possibly know the
> > result of a 'before and after' test unless they've
> > recorded it and not a single proponent of the mod has
> > ever shared a 'before and after' audio clip with other
> > list members. If anyone has one, I'd be 'all ears.'
> >

Here is my proof,

Before... Hey N2ZD your FT100 audio sucks..

After... Hey that rig sounds great!!

Regards.. Richy N2ZD Enjoy the mod!!

# 15012. FS: ATAS 100

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 04:49:00 UTC
From: ft100guy
Topic: 15012  Message: 15012

Hi Rich here,

I have an Atas 100 for sale. Works like a champ, looks handsome too, Drop me an email if your interested.. at: ss409ss at aol dot com .. Tnx Richy N2ZD

# 15013. Heil mike with FT-100D

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 05:06:52 UTC
From: Pres Waterman
Topic: 14956  Message: 15013

Is the plug not an RJ11?

Nope, it's an RJ-12.. 6 conductors instead of 4

Thanks

Pres Waterman, W2PW
c/o 112 Motors, LLC
Long Island Ford, Kia and Used Dealer

GO BILLS!

# 15014. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 06:02:40 UTC
From: W6MDK@AOL.COM
Topic: 14920  Message: 15014

Rich,

Well said. That reply was hilarious.

Keep it up.

# 15015. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 13:20:20 UTC
From: Ed Juge/NM
Topic: 14920  Message: 15015

And that's exactly the result all us mic-modders are looking for, Richy!!
Proof enough for me.

73... Ed, W5EJ

>Here is my proof,

>Before... Hey N2ZD your FT100 audio sucks..

>After... Hey that rig sounds great!!

----- Original Message -----
From: "ft100guy" <ss409ss@...>
To: <FT100@yahoogroups.com>
Sent: Saturday, June 29, 2002 9:47 PM
Subject: [FT100] Re: FT100D Fan Mod/Mike Mod

> > In a message dated 6/27/2002 1:02:06 AM Eastern Daylight Time,
> > lee810@y... writes:
> >
> >
> > > The thing that most intrigues me about the mic mod is
> > > that the people who do it cannot possibly know the
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> > > recorded it and not a single proponent of the mod has
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>
>
> Here is my proof,
>
> Before... Hey N2ZD your FT100 audio sucks..
>
> After... Hey that rig sounds great!!
>
> Regards.. Richy N2ZD Enjoy the mod!!
>
>
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> Subscribe: FT100-subscribe@yahoogroups.com
> Unsubscribe: FT100-unsubscribe@yahoogroups.com
> List owner: FT100-owner@yahoogroups.com
> FAQ on WWW: http://www.k0lee.com/ft100faq.html
>

> We are all a part of this Lets make it as good as possible.
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 15016. Re: [FT100] Re: FT100D Fan Mod/Mike Mod

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 16:50:35 UTC
From: W6MDK@AOL.COM
Topic: 14920  Message: 15016

I am a firm believer in the mic mod, as well as the fan mod. In fact, I'm poud to have developed the "solderless fan mod" technique.

Keep it up, Richy.

By hte way, I think your e-mail audio is great.

# 15017. EU?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 08:49:34 UTC
From: FXL
Topic: 15017  Message: 15017

Hi folks!

Having bought my FT100 in the US I want to pick the right setup in the second menu EU1, EU2, EU3 etc.... So which one is for Sweden? Anyone?

SM3FXL

/Gunnar

[Non-text portions of this message have been removed]

# 15018. FT-7100 Site ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-28 22:49:32 UTC
From: w1ksz
Topic: 15018  Message: 15018

Is there a similar site for the FT-7100 radio ? Trying to see if it will do Cross-Band or Duplex.

Thanks, Dick, W1KSZ

# 15019. RE: [FT100] FT-7100 Site ??

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 17:37:17 UTC
From: Dennis Walton
Topic: 15018  Message: 15019

Here is the site.

73' N5UF Dennis

http://groups.yahoo.com/group/yaesuft7100?

-----Original Message-----
From: w1ksz [mailto:w1ksz@...]
Sent: Friday, June 28, 2002 5:50 PM
To: FT100@yahoogroups.com
Subject: [FT100] FT-7100 Site ??

Is there a similar site for the FT-7100 radio ? Trying to see if it
will do Cross-Band or Duplex.

Thanks, Dick, W1KSZ

Post message: FT100@yahoogroups.com
Subscribe: FT100-subscribe@yahoogroups.com
Unsubscribe: FT100-unsubscribe@yahoogroups.com
List owner: FT100-owner@yahoogroups.com
FAQ on WWW: http://www.k0lee.com/ft100faq.html

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http://docs.yahoo.com/info/terms/

# 15020. Re: Trunk mounting an FT100D Split... Best way?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 21:03:47 UTC
From: Tim
Topic: 15020  Message: 15020

I admit I tried to live with the radio in
a box, up front in the passenger foot
well area, but for various reasons
(I'm married) too lengthy to mention,
this will not work.

I'm installing the splitter kit. The rear
part will be installed on the back of
my passenger-side rear seat. This
way I can simply unlock, and lower
the seatback to access the radio from
the passenger compartment, without
opening the trunk. All wiring, and
grounding will come up in the trunk,
and will be attached to the radio with
enough slack to allow the seat to swing
down.

My questions are twofold:

Generally, are there any specific issues
to be addressed for trunk mounting, such
as an extra fan for heat considerations,
or mechanical protection from cargo, or
luggage movement?

Specifically, since the radio is to be mounted
vertically when the seatback is up, which side
should be up? The back with the fans, or the
front with the faceplate mounts?

Also any suggestion about vibration, dust issues,
other than watching the intake vents (mentioned
in this netgroup) for clogged screens would be
welcomed.

Tim
KA2PKH

--
Tim
--------------------
Tea IS my Religion!

# 15021. Re: Trunk mounting an FT100D Split... Best way?

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-06-30 21:16:45 UTC
From: robashman6178
Topic: 15020  Message: 15021

Hi Tim
I have my FT100 mounted in my boot(trunk to you guys across the pond!!).
I have mounted the rig as close to the floor as posible with the fan side up, with regards to mechanical protection it all depends on what you carry eg:- steel boxes that slide WILL damage your rig...the weekly shop probably not so much!!. Extra fans? have you done the fan mod? if not DO IT it will keep your rig cooler.
Have fun running those cables and good dx
73s
Rob M3RJA
--- In FT100@y..., Tim <tmaxwell@n...> wrote:
> I admit I tried to live with the radio in
> a box, up front in the passenger foot
> well area, but for various reasons
> (I'm married) too lengthy to mention,
> this will not work.
>
> I'm installing the splitter kit. The rear
> part will be installed on the back of
> my passenger-side rear seat. This
> way I can simply unlock, and lower
> the seatback to access the radio from
> the passenger compartment, without
> opening the trunk. All wiring, and
> grounding will come up in the trunk,
> and will be attached to the radio with
> enough slack to allow the seat to swing
> down.
>
> My questions are twofold:
>
> Generally, are there any specific issues
> to be addressed for trunk mounting, such
> as an extra fan for heat considerations,
> or mechanical protection from cargo, or
> luggage movement?
>
> Specifically, since the radio is to be mounted
> vertically when the seatback is up, which side
> should be up? The back with the fans, or the
> front with the faceplate mounts?
>
> Also any suggestion about vibration, dust issues,
> other than watching the intake vents (mentioned

> in this netgroup) for clogged screens would be
> welcomed.
>
> Tim
> KA2PKH
>
>
>
>
>
> --
> Tim
> --------------------
> Tea IS my Religion!

# 20667. trade

Yahoo group: FT100 (2002-01 — 2002-06)
Date: 2002-04-23 01:55:45 UTC
From: ron story
Topic: 20667  Message: 20667

if anyone has a surplus ft100 or d or ft817, ive got an ameritron al-811 that i dont need , never have used it much. would give some boot if need to secure a deal. ron ne0x@...

[Non-text portions of this message have been removed]